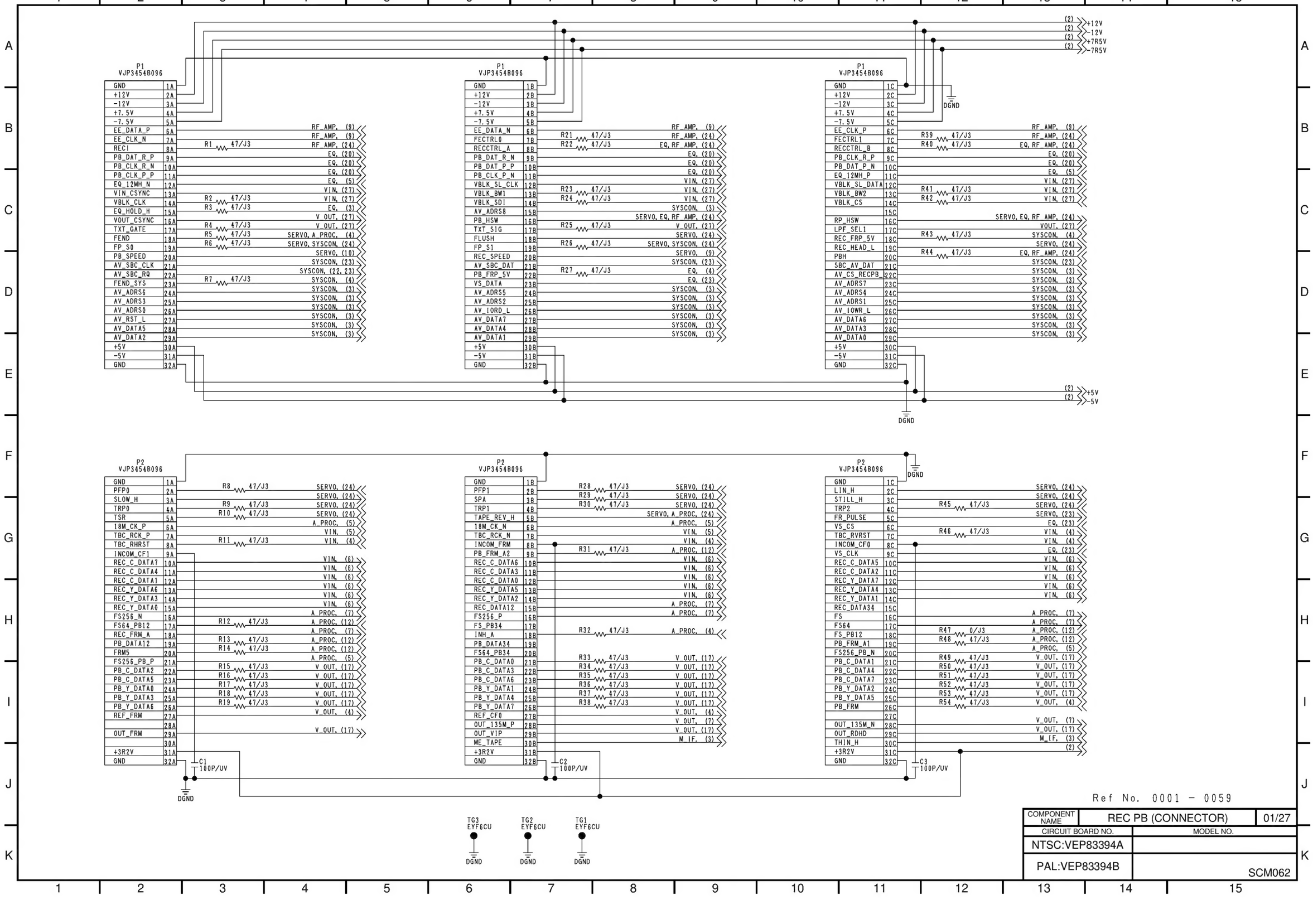
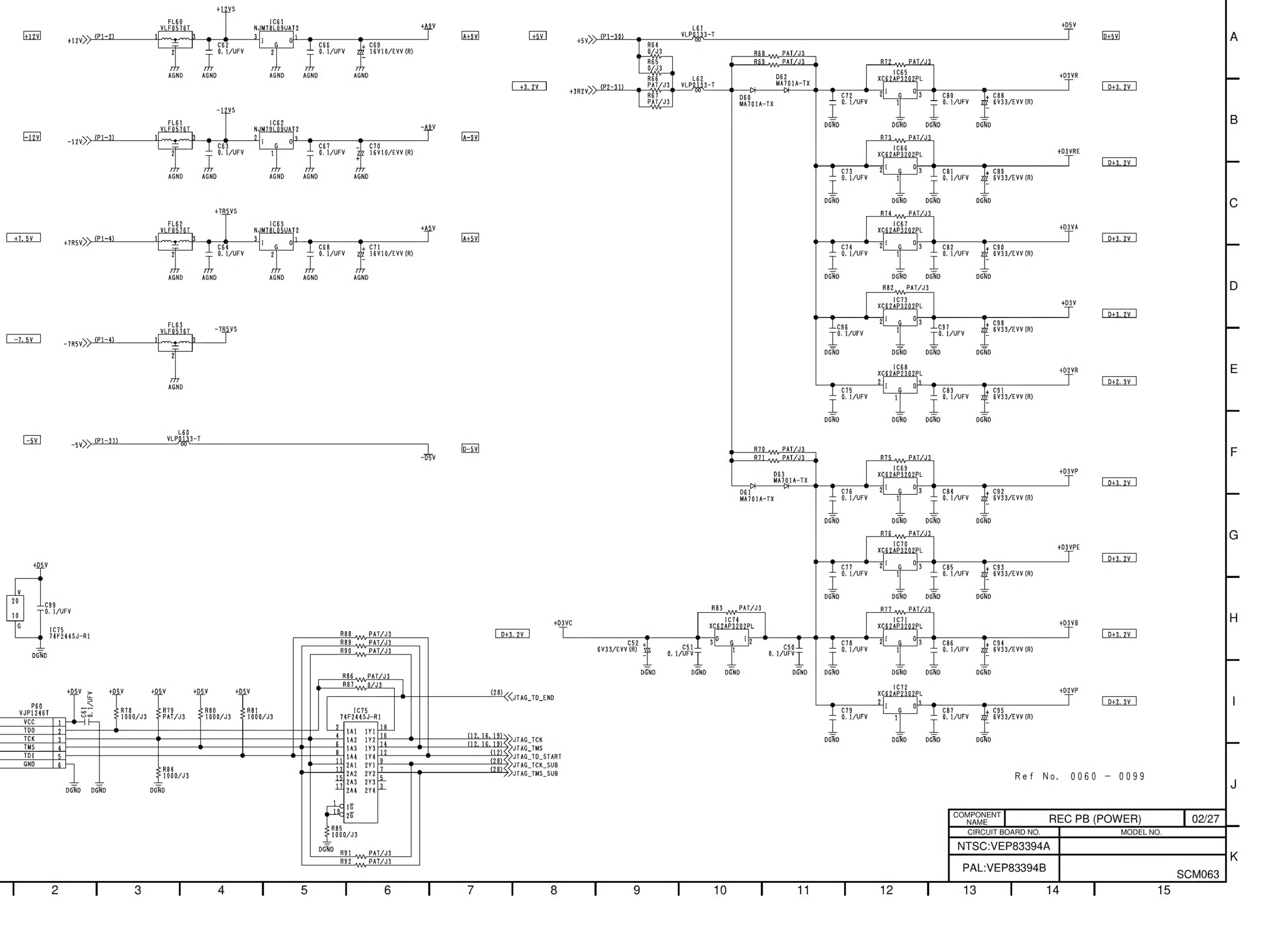
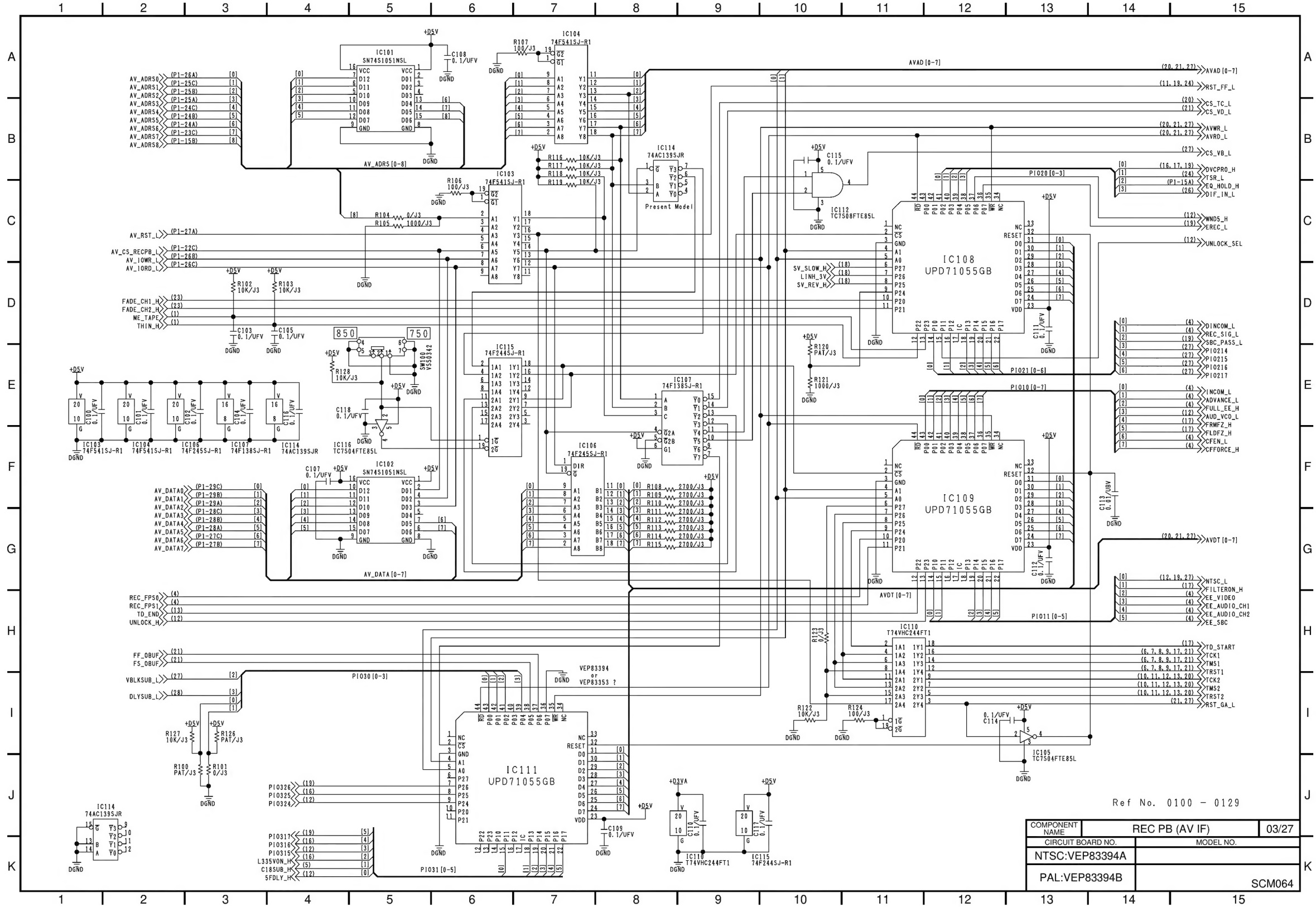
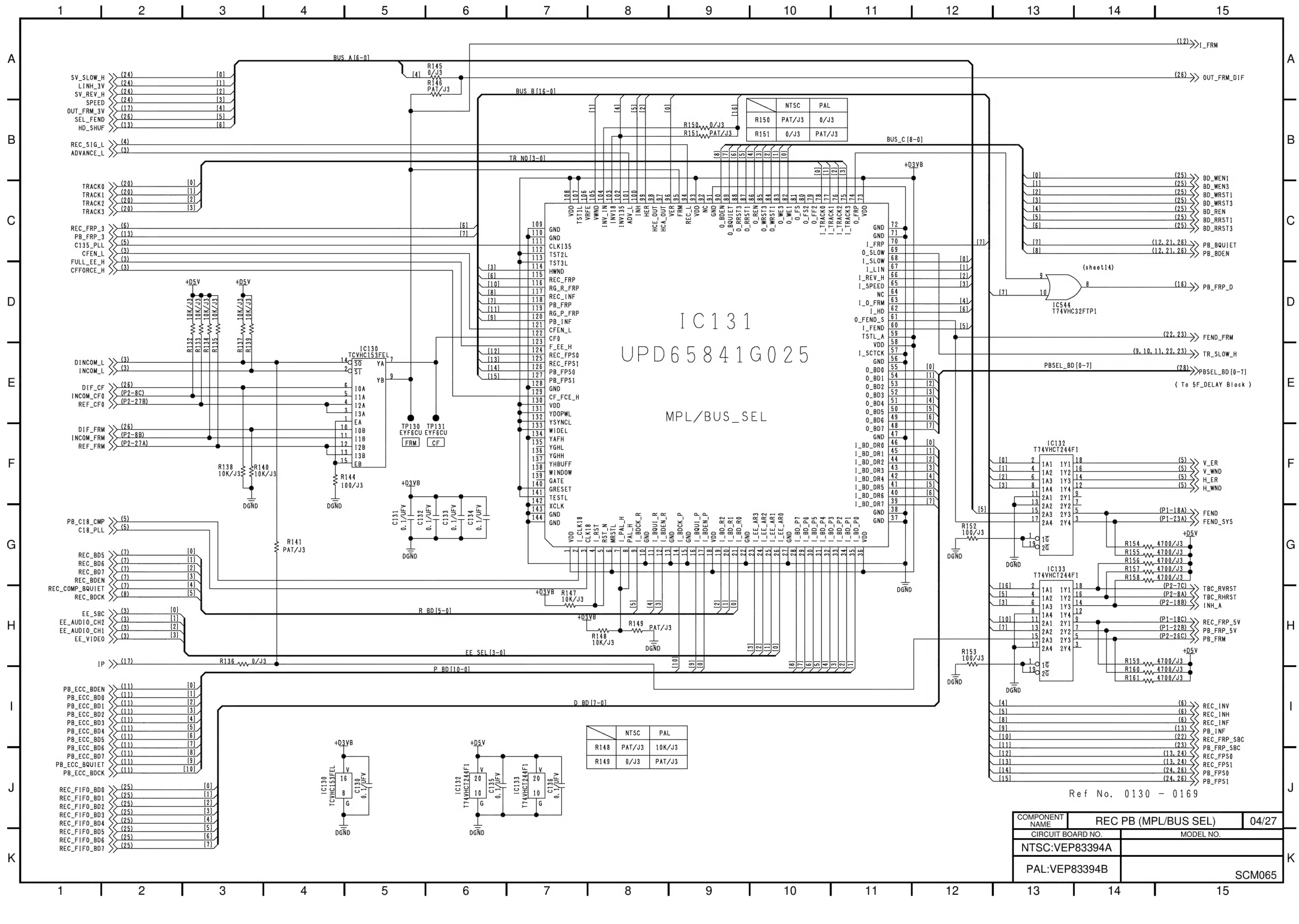

P1
VJP3454B096
GND 1A
+12V 2A
-12V 3A
+7.5V 4A
-7.5V 5A
EE_DATA_P 6A
EE_CLK_N 7A
RECI 8A
PB_DAT_R_P 9A
PB_CLK_R_N 10A
PB_CLK_P_P 11A
EQ_12MH_N 12A
VIN_CSYNC 13A
VBLK_CLK 14A
EQ_HOLD_H 15A
VOUT_CSYNC 16A
TXT_GATE 17A
FEND 18A
FP_S0 19A
PB_SPEED 20A
AV_SBC_CLK 21A
AV_SBC_RQ 22A
FEND_SYS 23A
AV_ADRS6 24A
AV_ADRS3 25A
AV_ADRS0 26A
AV_RST_L 27A
AV_DATA5 28A
AV_DATA2 29A
+5V 30A
-5V 31A
GND 32A
R1 47/J3 RF_AMP, (9)
RF_AMP, (9)
RF_AMP, (24)
EQ, (20)
EQ, (20)
EQ, (20)
EQ, (5)
VIN, (27)
R2 47/J3 VIN, (27)
R3 47/J3 EQ, (3)
V_OUT, (27)
R4 47/J3 V_OUT, (27)
R5 47/J3 SERVO, A_PROC, (4)
R6 47/J3 SERVO, SYSCON, (24)
SERVO, (10)
SYSCON, (23)
SYSCON, (22, 23)
R7 47/J3 SYSCON, (4)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
P1
VJP3454B096
GND 1B
+12V 2B
-12V 3B
+7.5V 4B
-7.5V 5B
EE_DATA_N 6B
FECTRL0 7B
RECCTRL_A 8B
PB_DAT_R_N 9B
PB_DAT_P_P 10B
PB_CLK_P_N 11B
VBLK_SL_CLK 12B
VBLK_BW1 13B
VBLK_SDI 14B
AV_ADRS8 15B
PB_HSW 16B
TXT_SIG 17B
FLUSH 18B
FP_S1 19B
REC_SPEED 20B
AV_SBC_DAT 21B
PB_FRP_5V 22B
VS_DATA 23B
AV_ADRS5 24B
AV_ADRS2 25B
AV_IORD_L 26B
AV_DATA7 27B
AV_DATA4 28B
AV_DATA1 29B
+5V 30B
-5V 31B
GND 32B
R21 47/J3 RF_AMP, (9)
R22 47/J3 RF_AMP, (24)
EQ_RF_AMP, (24)
EQ, (20)
EQ, (20)
EQ, (20)
VIN, (27)
R23 47/J3 VIN, (27)
R24 47/J3 VIN, (27)
SYSCON, (3)
SERVO, EQ, RF_AMP, (24)
R25 47/J3 V_OUT, (27)
SERVO, (24)
R26 47/J3 SERVO, SYSCON, (24)
SERVO, (9)
SYSCON, (23)
R27 47/J3 EQ, (4)
EQ, (23)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
P1
VJP3454B096
GND 1C
+12V 2C
-12V 3C
+7.5V 4C
-7.5V 5C
EE_CLK_P 6C
FECTRL1 7C
RECCTRL_B 8C
PB_CLK_R_P 9C
PB_DAT_P_N 10C
EQ_12MH_P 11C
VBLK_SL_DATA 12C
VBLK_BW2 13C
VBLK_CS 14C
15C
RP_HSW 16C
LPF_SEL1 17C
REC_FRP_5V 18C
REC_HEAD_L 19C
PBH 20C
SBC_AV_DAT 21C
AV_CS_RECPB 22C
AV_ADRS7 23C
AV_ADRS4 24C
AV_ADRS1 25C
AV_IOWR_L 26C
AV_DATA6 27C
AV_DATA3 28C
AV_DATA0 29C
+5V 30C
-5V 31C
GND 32C
R39 47/J3 RF_AMP, (9)
RF_AMP, (24)
R40 47/J3 EQ, RF_AMP, (24)
EQ, (20)
EQ, (20)
EQ, (5)
VIN, (27)
R41 47/J3 VIN, (27)
R42 47/J3 VIN, (27)
SERVO, EQ, RF_AMP, (24)
VOUT, (27)
R43 47/J3 SYSCON, (4)
SERVO, (24)
R44 47/J3 EQ, RF_AMP, (24)
SYSCON, (23)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
SYSCON, (3)
(2) +12V
(2) -12V
(2) +7R5V
(2) -7R5V
DGND
(2) +5V
(2) -5V
DGND
P2
VJP3454B096
GND 1A
PFP0 2A
SLOW_H 3A
TRP0 4A
TSR 5A
18M_CK_P 6A
TBC_RCK_P 7A
TBC_RHRST 8A
INCOM_CF1 9A
REC_C_DATA7 10A
REC_C_DATA4 11A
REC_C_DATA1 12A
REC_Y_DATA6 13A
REC_Y_DATA3 14A
REC_Y_DATA0 15A
FS256_N 16A
FS64_PB12 17A
REC_FRM_A 18A
PB_DATA12 19A
FRM5 20A
FS256_PB_P 21A
PB_C_DATA2 22A
PB_C_DATA5 23A
PB_Y_DATA0 24A
PB_Y_DATA3 25A
PB_Y_DATA6 26A
REF_FRM 27A
28A
OUT_FRM 29A
30A
+3R2V 31A
GND 32A
R8 47/J3 SERVO, (24)
SERVO, (24)
R9 47/J3 SERVO, (24)
R10 47/J3 SERVO, (24)
A_PROC, (5)
VIN, (5)
R11 47/J3 VIN, (4)
VIN, (6)
VIN, (6)
VIN, (6)
VIN, (6)
VIN, (6)
VIN, (6)
A_PROC, (7)
R12 47/J3 A_PROC, (12)
A_PROC, (7)
R13 47/J3 A_PROC, (12)
R14 47/J3 A_PROC, (12)
A_PROC, (5)
R15 47/J3 V_OUT, (17)
R16 47/J3 V_OUT, (17)
R17 47/J3 V_OUT, (17)
R18 47/J3 V_OUT, (17)
R19 47/J3 V_OUT, (17)
V_OUT, (4)
V_OUT, (17)
C1 100P/UV
DGND
P2
VJP3454B096
GND 1B
PFP1 2B
SPA 3B
TRP1 4B
TAPE_REV_H 5B
18M_CK_N 6B
TBC_RCK_N 7B
INCOM_FRM 8B
PB_FRM_A2 9B
REC_C_DATA6 10B
REC_C_DATA3 11B
REC_C_DATA0 12B
REC_Y_DATA5 13B
REC_Y_DATA2 14B
REC_DATA12 15B
FS256_P 16B
FS_PB34 17B
INH_A 18B
PB_DATA34 19B
FS64_PB34 20B
PB_C_DATA0 21B
PB_C_DATA3 22B
PB_C_DATA6 23B
PB_Y_DATA1 24B
PB_Y_DATA4 25B
PB_Y_DATA7 26B
REF_CF0 27B
OUT_135M_P 28B
OUT_V1P 29B
ME_TAPE 30B
+3R2V 31B
GND 32B
R28 47/J3 SERVO, (24)
R29 47/J3 SERVO, (24)
R30 47/J3 SERVO, (24)
SERVO, A_PROC, (24)
A_PROC, (5)
VIN, (5)
VIN, (4)
R31 47/J3 A_PROC, (12)
VIN, (6)
VIN, (6)
VIN, (6)
VIN, (6)
VIN, (6)
A_PROC, (7)
A_PROC, (7)
R32 47/J3 A_PROC, (4)
R33 47/J3 V_OUT, (17)
R34 47/J3 V_OUT, (17)
R35 47/J3 V_OUT, (17)
R36 47/J3 V_OUT, (17)
R37 47/J3 V_OUT, (17)
R38 47/J3 V_OUT, (17)
V_OUT, (4)
V_OUT, (7)
V_OUT, (17)
M_IF, (3)
C2 100P/UV
DGND
P2
VJP3454B096
GND 1C
LIN_H 2C
STILL_H 3C
TRP2 4C
FR_PULSE 5C
VS_CS 6C
TBC_RVRST 7C
INCOM_CF0 8C
VS_CLK 9C
REC_C_DATA5 10C
REC_C_DATA2 11C
REC_Y_DATA7 12C
REC_Y_DATA4 13C
REC_Y_DATA1 14C
REC_DATA34 15C
FS 16C
FS64 17C
FS_PB12 18C
PB_FRM_A1 19C
FS256_PB_N 20C
PB_C_DATA1 21C
PB_C_DATA4 22C
PB_C_DATA7 23C
PB_Y_DATA2 24C
PB_Y_DATA5 25C
PB_FRM 26C
27C
OUT_135M_N 28C
OUT_RDHD 29C
THIN_H 30C
+3R2V 31C
GND 32C
R45 47/J3 SERVO, (24)
SERVO, (24)
SERVO, (23)
EQ, (23)
R46 47/J3 VIN, (4)
VIN, (4)
EQ, (23)
VIN, (6)
VIN, (6)
VIN, (6)
VIN, (6)
VIN, (6)
A_PROC, (7)
A_PROC, (7)
R47 0/J3 A_PROC, (12)
R48 47/J3 A_PROC, (12)
A_PROC, (5)
R49 47/J3 V_OUT, (17)
R50 47/J3 V_OUT, (17)
R51 47/J3 V_OUT, (17)
R52 47/J3 V_OUT, (17)
R53 47/J3 V_OUT, (17)
R54 47/J3 V_OUT, (4)
V_OUT, (7)
V_OUT, (17)
M_IF, (3)
(2)
C3 100P/UV
DGND
TG3 EYF6CU
TG2 EYF6CU
TG1 EYF6CU
DGND
DGND
DGND
Ref No. 0001 - 0059
COMPONENT NAME
REC PB (CONNECTOR)
01/27
CIRCUIT BOARD NO.
MODEL NO.
NTSC:VEP83394A
PAL:VEP83394B
SCM062


+12V
(P1-2)
FL60 VLF0576T
+12VS
IC61 NJM78L09UAT2
C62 0.1/UFV
C66 0.1/UFV
C69 16V10/EVV(R)
+A9V
A+9V
-12V
(P1-3)
FL61 VLF0576T
-12VS
IC62 NJM79L09UAT2
C63 0.1/UFV
C67 0.1/UFV
C70 16V10/EVV(R)
-A9V
A-9V
+7.5V
+7R5V
(P1-4)
FL62 VLF0576T
+7R5VS
IC63 NJM78L05UAT2
C64 0.1/UFV
C68 0.1/UFV
C71 16V10/EVV(R)
+A5V
A+5V
-7.5V
-7R5V
(P1-4)
FL63 VLF0576T
-7R5VS
-5V
-5V
(P1-31)
L60 VLP0133-T
-D5V
D-5V
AGND
DGND
+5V
(P1-30)
L61 VLP0133-T
+D5V
D+5V
+3.2V
+3R2V
(P2-31)
L62 VLP0133-T
D60 MA701A-TX
D62 MA701A-TX
D61 MA701A-TX
D63 MA701A-TX
R64 0/J3
R65 0/J3
R66 PAT/J3
R67 PAT/J3
R68 PAT/J3
R69 PAT/J3
R70 PAT/J3
R71 PAT/J3
IC65 XC62AP3202PL
IC66 XC62AP3202PL
IC67 XC62AP3202PL
IC73 XC62AP3202PL
IC68 XC62AP2302PL
IC69 XC62AP3202PL
IC70 XC62AP3202PL
IC71 XC62AP3202PL
IC72 XC62AP2302PL
+D3VR
+D3VRE
+D3VA
+D3V
+D2VR
+D3VP
+D3VPE
+D3VB
+D2VP
D+3.2V
D+2.3V
C72 0.1/UFV
C73 0.1/UFV
C74 0.1/UFV
C96 0.1/UFV
C75 0.1/UFV
C76 0.1/UFV
C77 0.1/UFV
C78 0.1/UFV
C79 0.1/UFV
C80 0.1/UFV
C81 0.1/UFV
C82 0.1/UFV
C97 0.1/UFV
C83 0.1/UFV
C84 0.1/UFV
C85 0.1/UFV
C86 0.1/UFV
C87 0.1/UFV
C88 6V33/EVV(R)
C89 6V33/EVV(R)
C90 6V33/EVV(R)
C98 6V33/EVV(R)
C91 6V33/EVV(R)
C92 6V33/EVV(R)
C93 6V33/EVV(R)
C94 6V33/EVV(R)
C95 6V33/EVV(R)
+D3VC
C52 6V33/EVV(R)
C51 0.1/UFV
C50 0.1/UFV
R83 PAT/J3
IC74 XC62AP3202PL
+D5V
C99 0.1/UFV
IC75 74F244SJ-R1
P60 VJP1246T
VCC
TDO
TCK
TMS
TDI
GND
C61 0.1/UFV
R78 1000/J3
R79 PAT/J3
R80 1000/J3
R81 1000/J3
R84 1000/J3
R85 1000/J3
R86 PAT/J3
R87 0/J3
R88 PAT/J3
R89 PAT/J3
R90 PAT/J3
R91 PAT/J3
R92 PAT/J3
(28) JTAG_TD_END
(12,16,19) JTAG_TCK
(12,16,19) JTAG_TMS
(12) JTAG_TD_START
(28) JTAG_TCK_SUB
(28) JTAG_TMS_SUB
Ref No. 0060 - 0099
COMPONENT NAME
REC PB (POWER)
02/27
CIRCUIT BOARD NO.
MODEL NO.
NTSC:VEP83394A
PAL:VEP83394B
SCM063

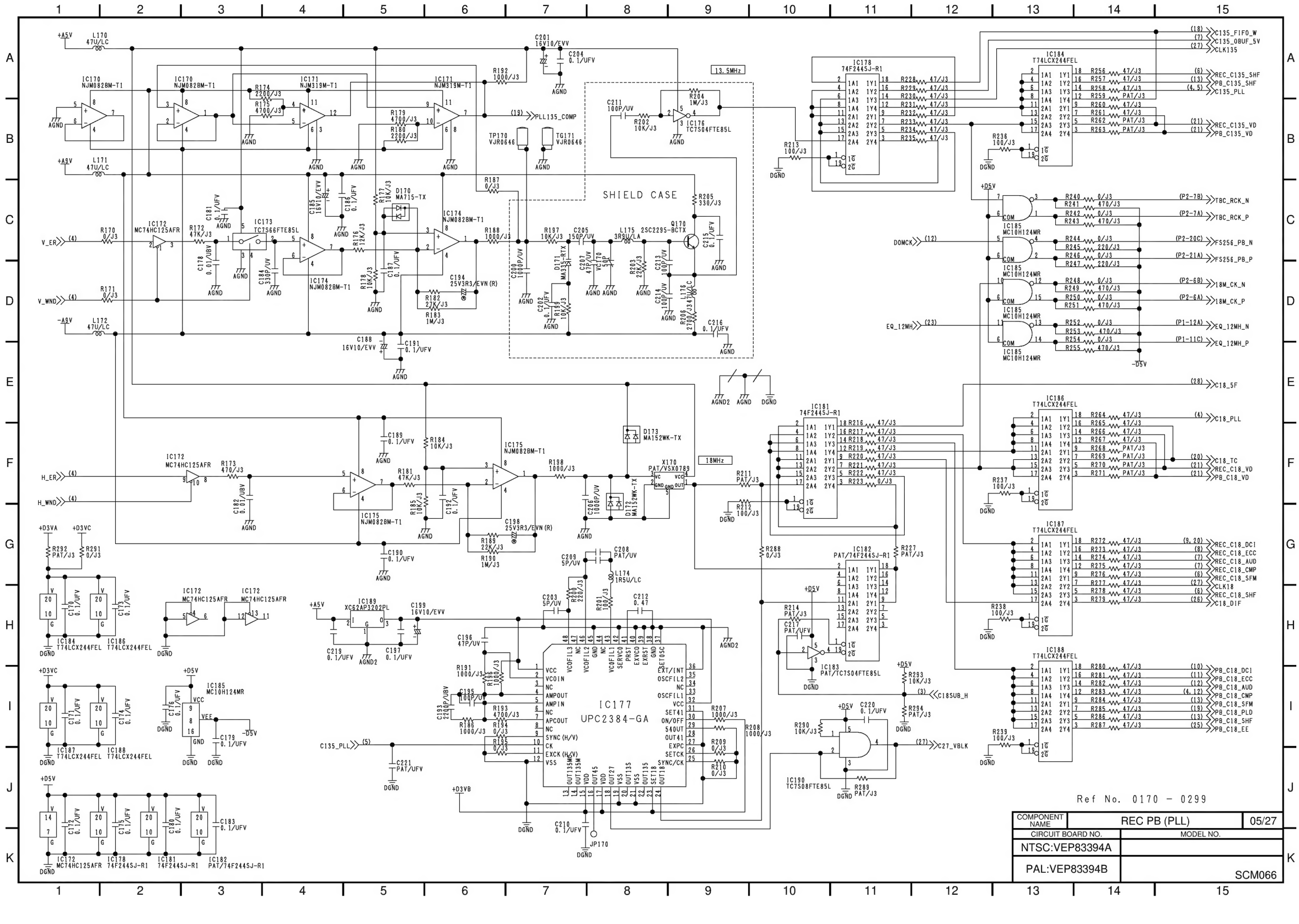

IC101 SN74S1051NSL
IC102 SN74S1051NSL
IC103 74F541SJ-R1
IC104 74F541SJ-R1
IC105 TC7S04FTE85L
IC106 74F245SJ-R1
IC107 74F138SJ-R1
IC108 UPD71055GB
IC109 UPD71055GB
IC110 T74VHC244FT1
IC111 UPD71055GB
IC112 TC7S08FTE85L
IC114 74AC139SJR
IC115 74F244SJ-R1
IC116 TC7S04FTE85L
Present Model
VEP83394 or VEP83353 ?
AV_ADRS[0-8]
AV_DATA[0-7]
AVAD[0-7]
AVDT[0-7]
PI020[0-3]
PI021[0-6]
PI010[0-7]
PI011[0-5]
PI030[0-3]
PI031[0-5]
Ref No. 0100 - 0129
COMPONENT NAME: REC PB (AV IF) 03/27
CIRCUIT BOARD NO.: NTSC:VEP83394A PAL:VEP83394B
MODEL NO.: SCM064

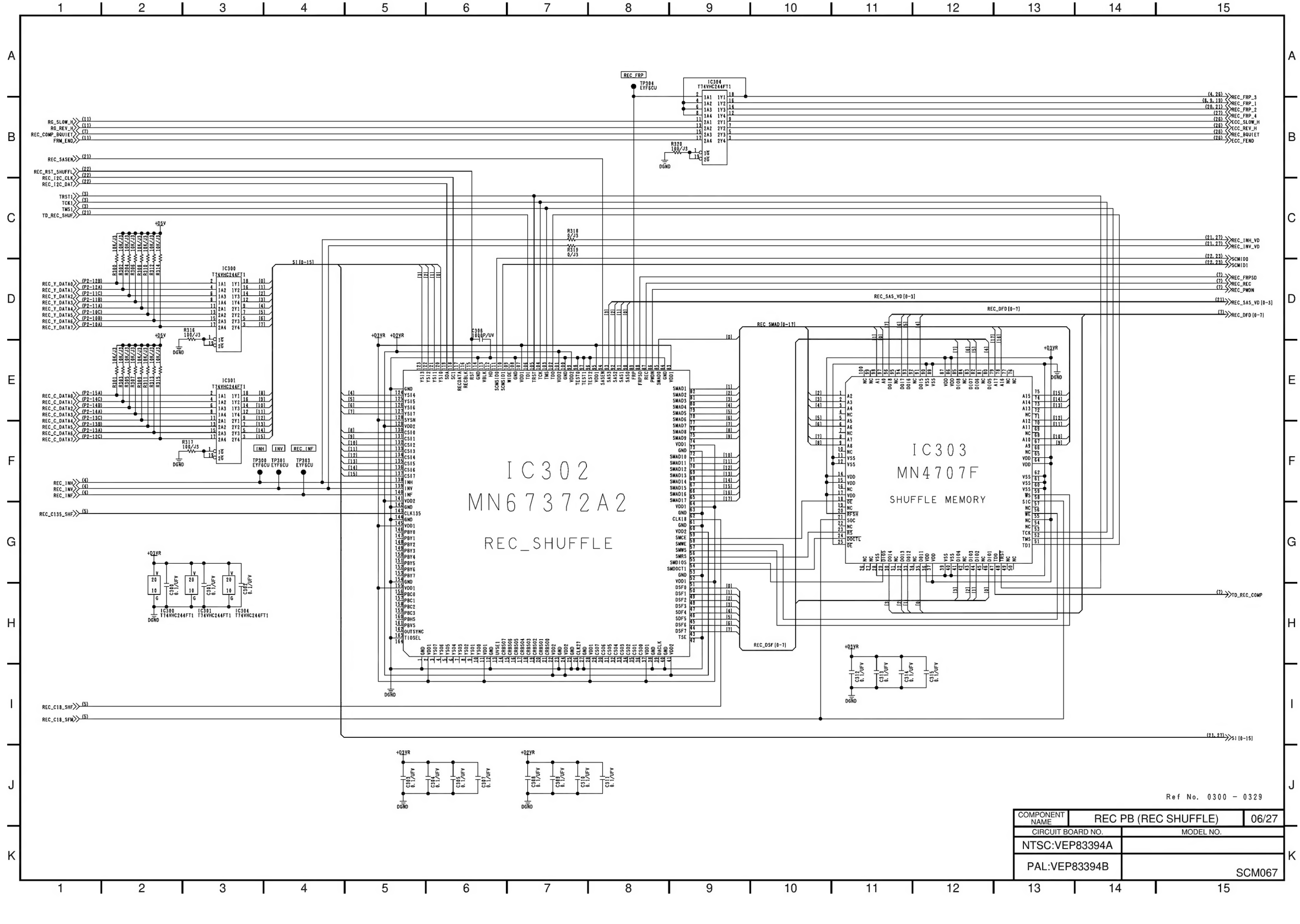


	NTSC	PAL
R150	PAT/J3	0/J3
R151	0/J3	PAT/J3

	NTSC	PAL
R148	PAT/J3	10K/J3
R149	0/J3	PAT/J3

COMPONENT NAME	REC PB (MPL/BUS SEL)	04/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B	SCM065	


SHIELD CASE
13.5MHz
18MHz
IC177
UPC2384-GA
Ref No. 0170 - 0299
COMPONENT NAME
REC PB (PLL)
05/27
CIRCUIT BOARD NO.
MODEL NO.
NTSC:VEP83394A
PAL:VEP83394B
SCM066

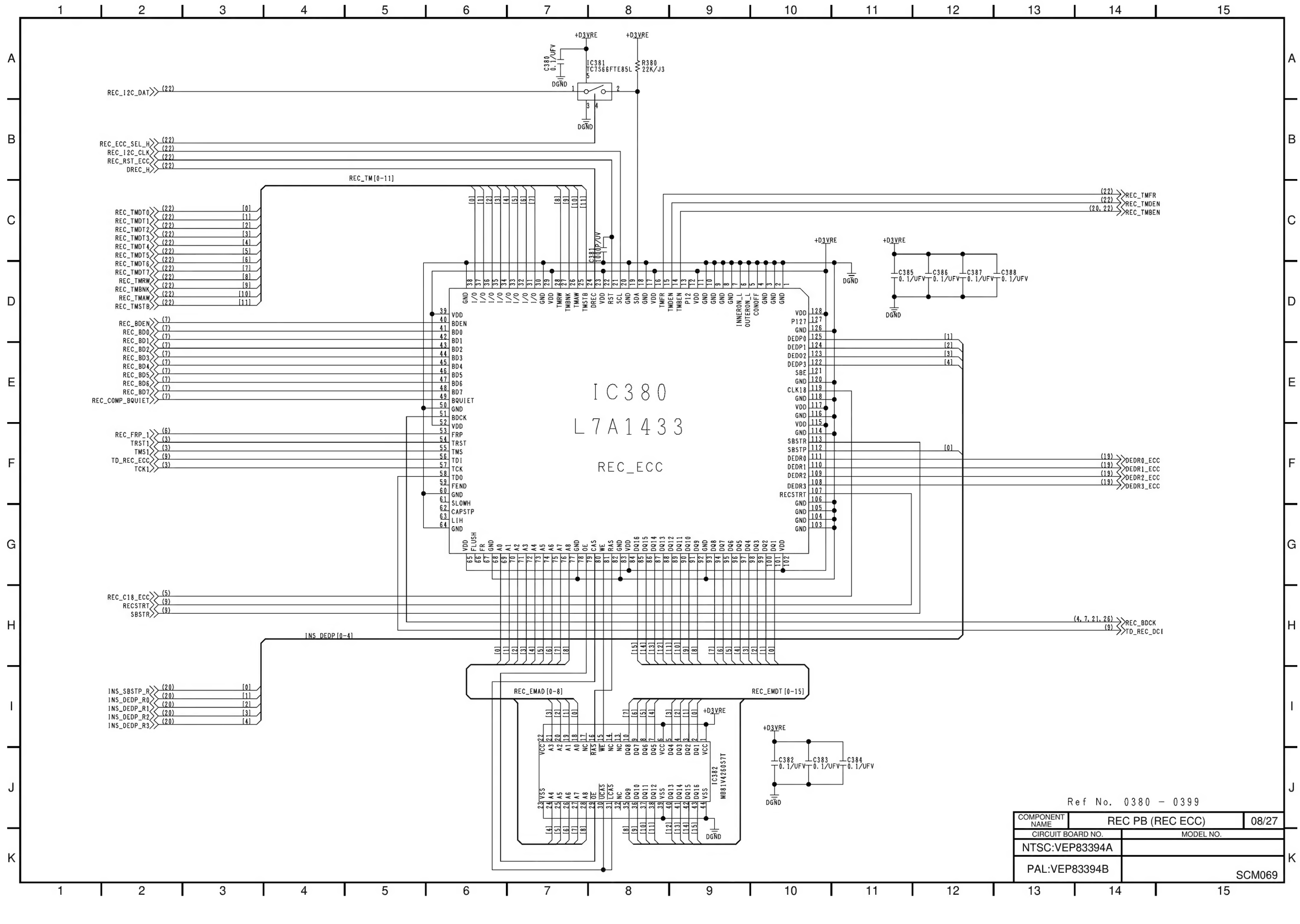

IC302
MN67372A2
REC_SHUFFLE
IC303
MN4707F
SHUFFLE MEMORY
IC300
T74VHC244FT1
IC301
T74VHC244FT1
IC304
T74VHC244FT1
REC_FRP
TP304 EYF6CU
TP300 EYF6CU
TP301 EYF6CU
TP303 EYF6CU
INH
INV
INF
REC_SAS_VD [0-3]
REC_DFD [0-7]
REC_SMAD [0-17]
REC_DSF [0-7]
S1 [0-15]
REC_Y_DATA [0-7]
REC_C_DATA [0-7]
REC_INH
REC_INV
REC_INF
REC_C135_SHF
REC_C18_SHF
REC_C18_SFH
REC_SASEN
REC_RST_SHUFFL
REC_I2C_CLK
REC_I2C_DAT
TRST
TCK
TMS
TD_REC_SHUF
RG_SLOW_H
RG_REV_H
REC_COMP_BQUIET
FRM_END
TD_REC_COMP
REC_FRP_3
REC_FRP_1
REC_FRP_2
REC_FRP_4
ECC_SLOW_H
ECC_REV_H
REC_BQUIET
ECC_FEND
REC_INH_VD
REC_INV_VD
SCMID0
SCMID1
REC_FRPSD
REC_REC
REC_PWDN
REC_SAS_VD [0-3]
REC_DFD [0-7]
S1 [0-15]
+D5V
+D3VR
+D2VR
DGND
Ref No. 0300 - 0329
COMPONENT NAME
REC PB (REC SHUFFLE)
06/27
CIRCUIT BOARD NO.
MODEL NO.
NTSC:VEP83394A
PAL:VEP83394B
SCM067

IC334
M65401FP
REC_AUDIO

IC335
MN673711
REC_COMP

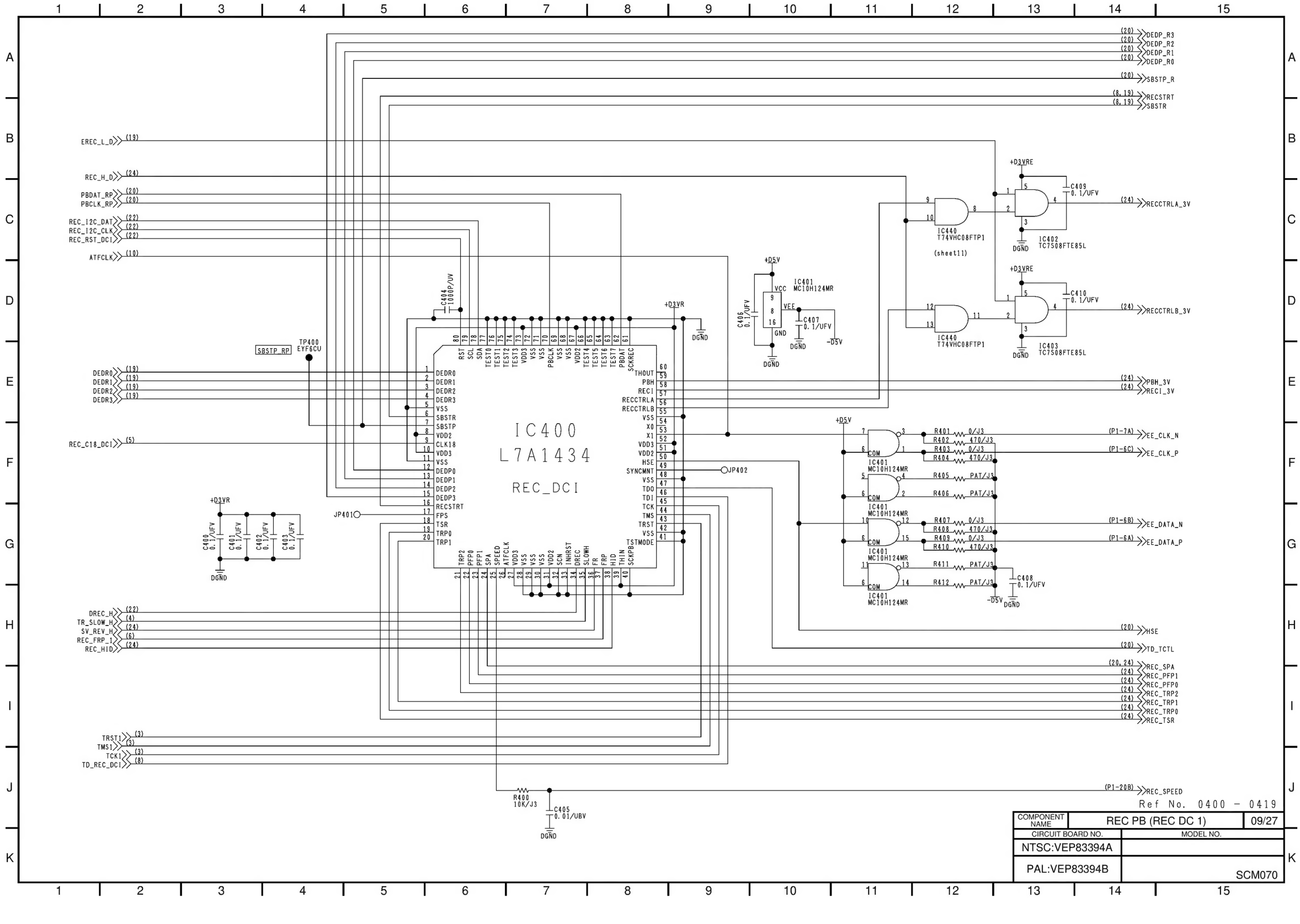
COMPONENT NAME	REC PB (REC CONT/AUDIO)	07/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B		SCM068

Ref No. 0330 - 0379



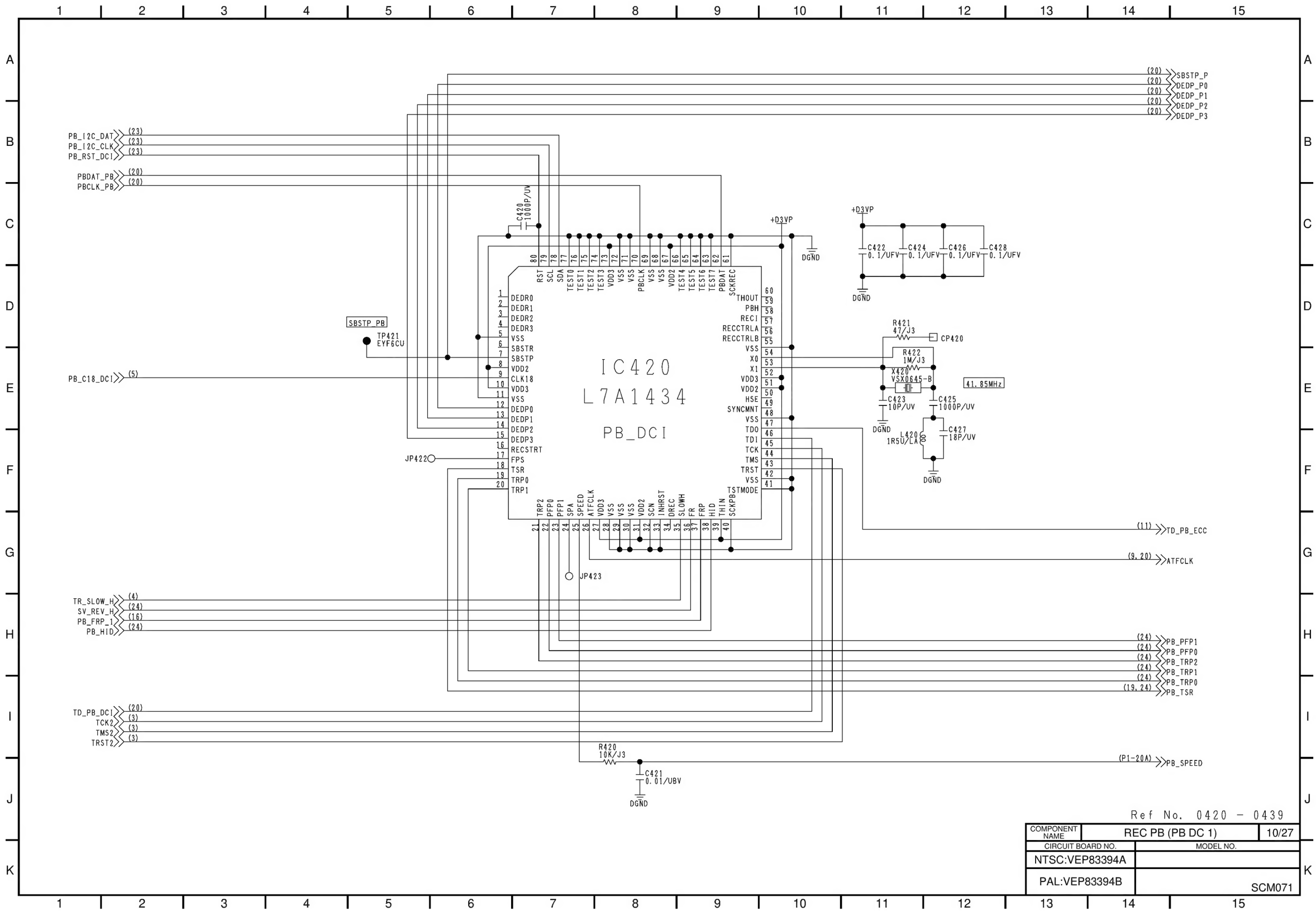
Ref No. 0380 - 0399

COMPONENT NAME	REC PB (REC ECC)	08/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B		SCM069



Ref No. 0400 - 0419

COMPONENT NAME	REC PB (REC DC 1)	09/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B	SCM070	


IC420
L7A1434
PB_DCI
(20) SBSTP_P
(20) DEDP_P0
(20) DEDP_P1
(20) DEDP_P2
(20) DEDP_P3
PB_I2C_DAT (23)
PB_I2C_CLK (23)
PB_RST_DCI (23)
PBDAT_PB (20)
PBCLK_PB (20)
C420 1000P/UV
+D3VP
DGND
C422 0.1/UFV
C424 0.1/UFV
C426 0.1/UFV
C428 0.1/UFV
SBSTP_PB
TP421 EYF6CU
PB_C18_DCI (5)
R421 47/J3
CP420
R422 1M/J3
X420 VSX0645-B
41.85MHz
C423 10P/UV
C425 1000P/UV
L420 1R5U/LA
C427 18P/UV
JP422
JP423
(11) TD_PB_ECC
(9,20) ATFCLK
TR_SLOW_H (4)
SV_REV_H (24)
PB_FRP_1 (16)
PB_HID (24)
(24) PB_PFP1
(24) PB_PFP0
(24) PB_TRP2
(24) PB_TRP1
(24) PB_TRP0
(19,24) PB_TSR
TD_PB_DCI (20)
TCK2 (3)
TMS2 (3)
TRST2 (3)
R420 10K/J3
C421 0.01/UBV
(P1-20A) PB_SPEED
Ref No. 0420 - 0439
COMPONENT NAME
REC PB (PB DC 1)
10/27
CIRCUIT BOARD NO.
MODEL NO.
NTSC:VEP83394A
PAL:VEP83394B
SCM071

IC441
L7A1433
PB_ECC

PB_I2C_DAT (23)
PB_ECC_SEL_H (23)
CONCEALON_L (23)
OUTERON_L (23)
INNERON_L (23)
PB_I2C_CLK (23)
PB_RST_ECC (23)
PB_C18_ECC (5)
PB_TMDT0 (23) [0]
PB_TMDT1 (23) [1]
PB_TMDT2 (23) [2]
PB_TMDT3 (23) [3]
PB_TMDT4 (23) [4]
PB_TMDT5 (23) [5]
PB_TMDT6 (23) [6]
PB_TMDT7 (23) [7]
PB_TMRW (23) [8]
PB_TMBNK (23) [9]
PB_TMAW (23) [10]
PB_TMSTB (23) [11]
SBSTP (19) [0]
DEDP0 (19) [1]
DEDP1 (19) [2]
DEDP2 (19) [3]
DEDP3 (19) [4]
PB_FRP_1 (13)
TRST2 (3)
TMS2 (3)
TD_PB_ECC (10)
TCK2 (3)
TR_SLOW_H (4)
SBC_SLOW_H (23)
LINH_3V (24)
SV_REV_H (24)
SBC_REV_H (23)
PB_HID (24)
RST_FF_L (3)
FLUSH_3V (24)
(6, 27) RG_REV_H
(6, 27) RG_SLOW_H
(19, 20) SBE
(12) TD_PB_AUD
(6, 26) FRM_END
(23) PB_TMFR
(23) PB_TMDEN
(23) PB_TMBEN
(4, 28) PB_ECC_BDEN
(4) PB_ECC_BD0
(4) PB_ECC_BD1
(4) PB_ECC_BD2
(4) PB_ECC_BD3
(4) PB_ECC_BD4
(4) PB_ECC_BD5
(4) PB_ECC_BD6
(4) PB_ECC_BD7
(4, 12, 21, 26, 28) PB_ECC_BQUIET
PB_ECC_BDCK

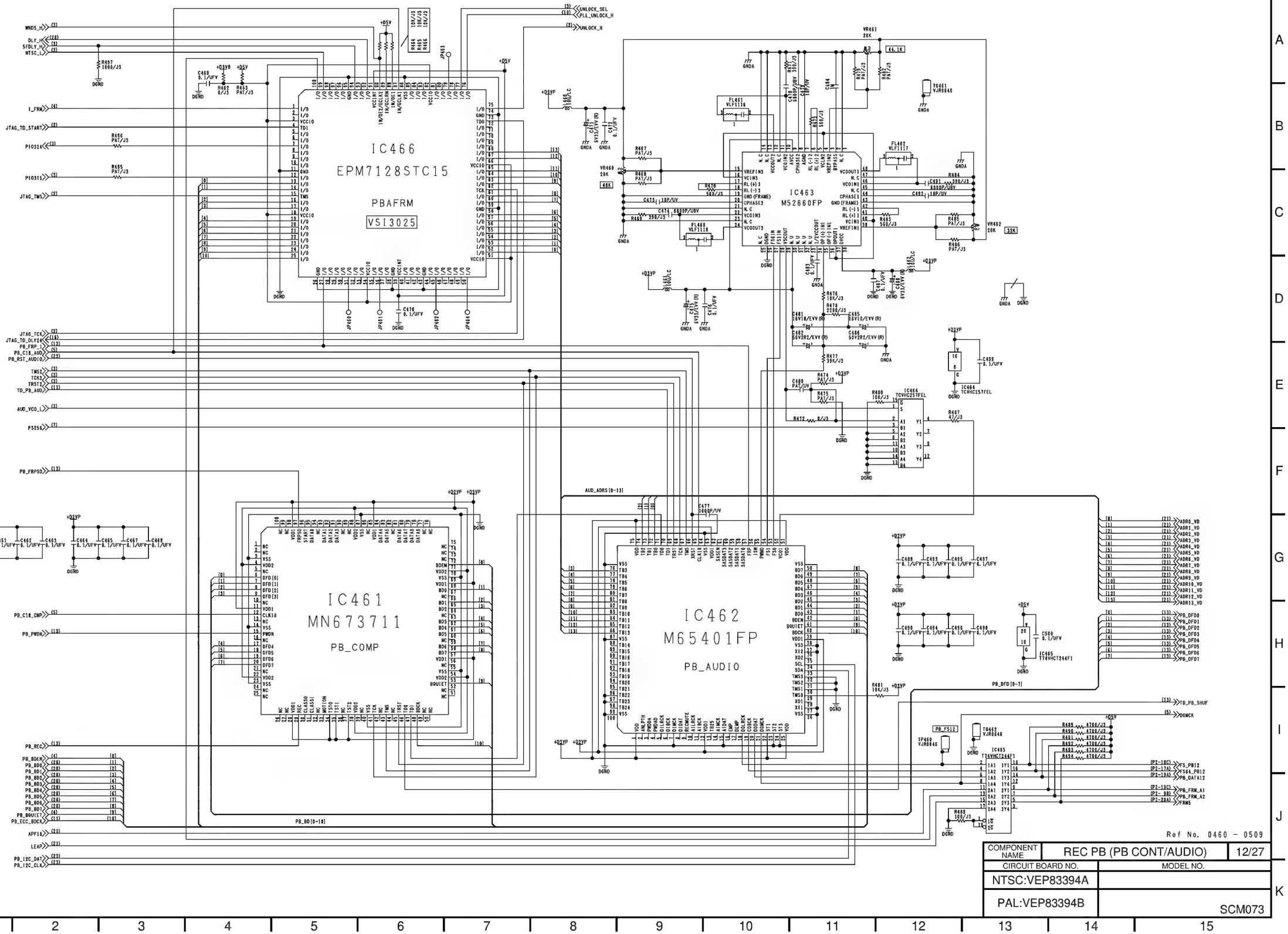
P_BD[0-10]
DEDP[0-4]
PB_TM[0-11]
PB_EMAD[0-8]
PB_EMDT[0-15]

C442 0.1/UFV
IC442 TC7S66FTE85L
R443 22K/J3
C443 1000P/UV
R440 0/J3
R441 0/J3
R442 1000/J3
IC440 T74VHC08FTP1
IC804 T74VHC74FTP1
C441 1000P/UV
C440 0.1/UFV
C447 0.1/UFV
C448 0.1/UFV
C449 0.1/UFV
C450 0.1/UFV
C444 0.1/UFV
C445 0.1/UFV
C446 0.1/UFV
R444 27K/J3 [0]
R445 27K/J3 [1]
R446 27K/J3 [2]
R447 27K/J3 [3]
R448 27K/J3 [4]
R449 27K/J3 [5]
R450 27K/J3 [6]
R451 27K/J3 [7]
R452 27K/J3 [8]
R453 27K/J3 [9]
FEND TP440 EYF6CU
SBE TP441 EYF6CU
IC443 MB81V4260S7T

+D3VPE
DGND
(sheet20)
(SHEET9)

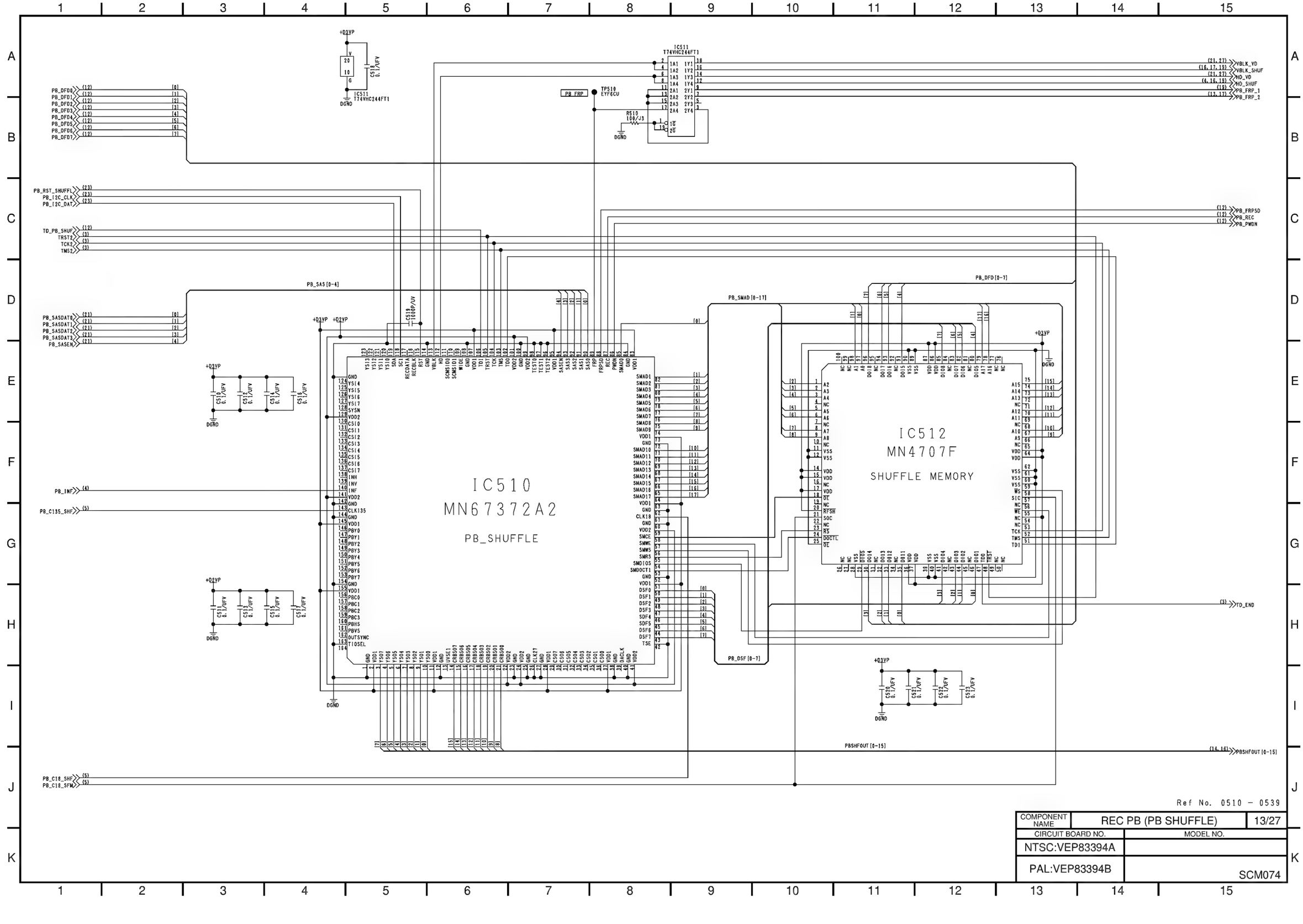
Ref No. 0440 - 0459

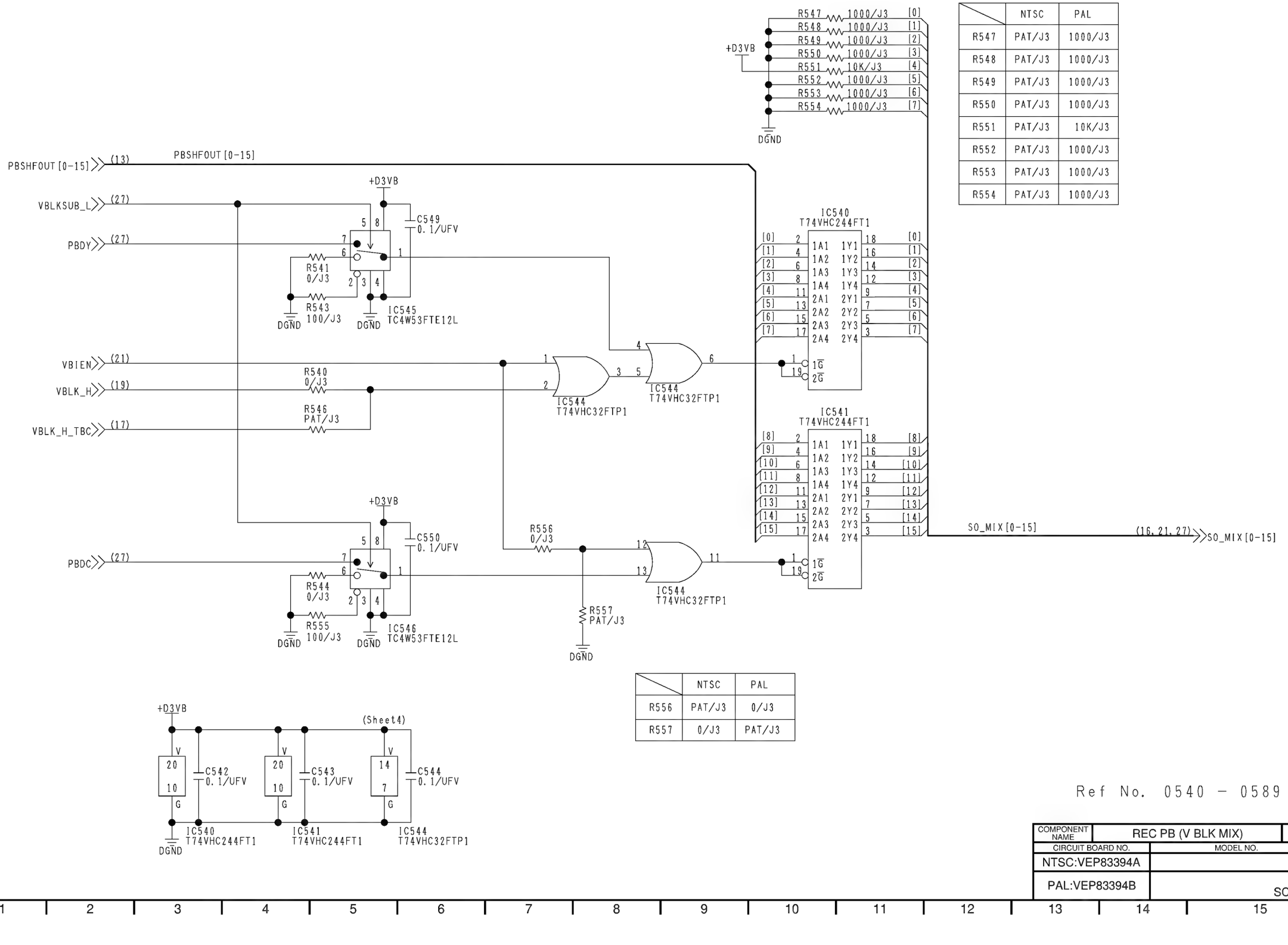
COMPONENT NAME	REC PB (PB ECC)	11/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B		SCM072



Ref No. 0460 - 0509

COMPONENT NAME	REC PB (PB CONT/AUDIO)	12/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B		SCM073


IC510
MN67372A2
PB_SHUFFLE
IC512
MN4707F
SHUFFLE MEMORY
IC511
T74VHC244FT1
TP510
EYF6CU
R510
100/J3
PB_SAS[0-4]
PB_SMAD[0-17]
PB_DFD[0-7]
PB_DSF[0-7]
PBSHFOUT[0-15]
PB_DFD0
PB_DFD1
PB_DFD2
PB_DFD3
PB_DFD4
PB_DFD5
PB_DFD6
PB_DFD7
PB_RST_SHUFFL
PB_I2C_CLK
PB_I2C_DAT
TD_PB_SHUF
TRST2
TCK2
TMS2
PB_SASDAT0
PB_SASDAT1
PB_SASDAT2
PB_SASDAT3
PB_SASEN
PB_INF
PB_C135_SHF
PB_C18_SHF
PB_C18_SFM
VBLK_VD
VBLK_SHUF
HD_VD
HD_SHUF
PB_FRP_1
PB_FRP_2
PB_FRPSD
PB_REC
PB_PWDN
TD_END
PB_FRP
+D3VP
+D2VP
DGND
Ref No. 0510 – 0539
COMPONENT NAME
REC PB (PB SHUFFLE)
13/27
CIRCUIT BOARD NO.
MODEL NO.
NTSC:VEP83394A
PAL:VEP83394B
SCM074



	NTSC	PAL
R547	PAT/J3	1000/J3
R548	PAT/J3	1000/J3
R549	PAT/J3	1000/J3
R550	PAT/J3	1000/J3
R551	PAT/J3	10K/J3
R552	PAT/J3	1000/J3
R553	PAT/J3	1000/J3
R554	PAT/J3	1000/J3

	NTSC	PAL
R556	PAT/J3	0/J3
R557	0/J3	PAT/J3

Ref No. 0540 - 0589

COMPONENT NAME	REC PB (V BLK MIX)	14/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B	SCM075	

[ONLY PAL]

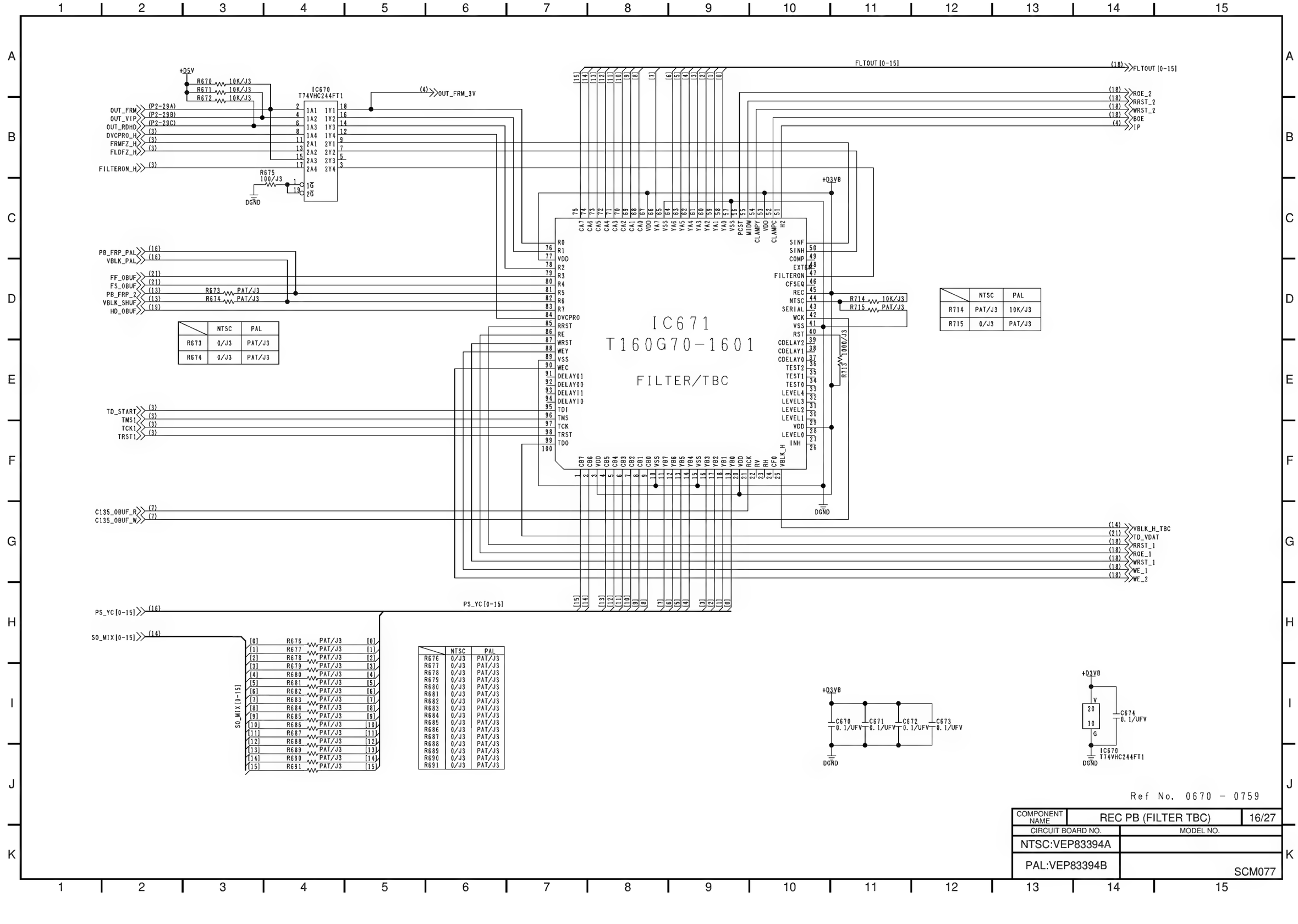
IC642
CG25123-5106
PRE_SHUFFLE

IC641
EPM7128STC15
DLY24
VSI3026

	NTSC	PAL
R654	0/J3	PAT/J3

COMPONENT NAME	REC PB (PRE SHUFFLE)	15/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B		SCM076

Ref No. 0640 - 0669



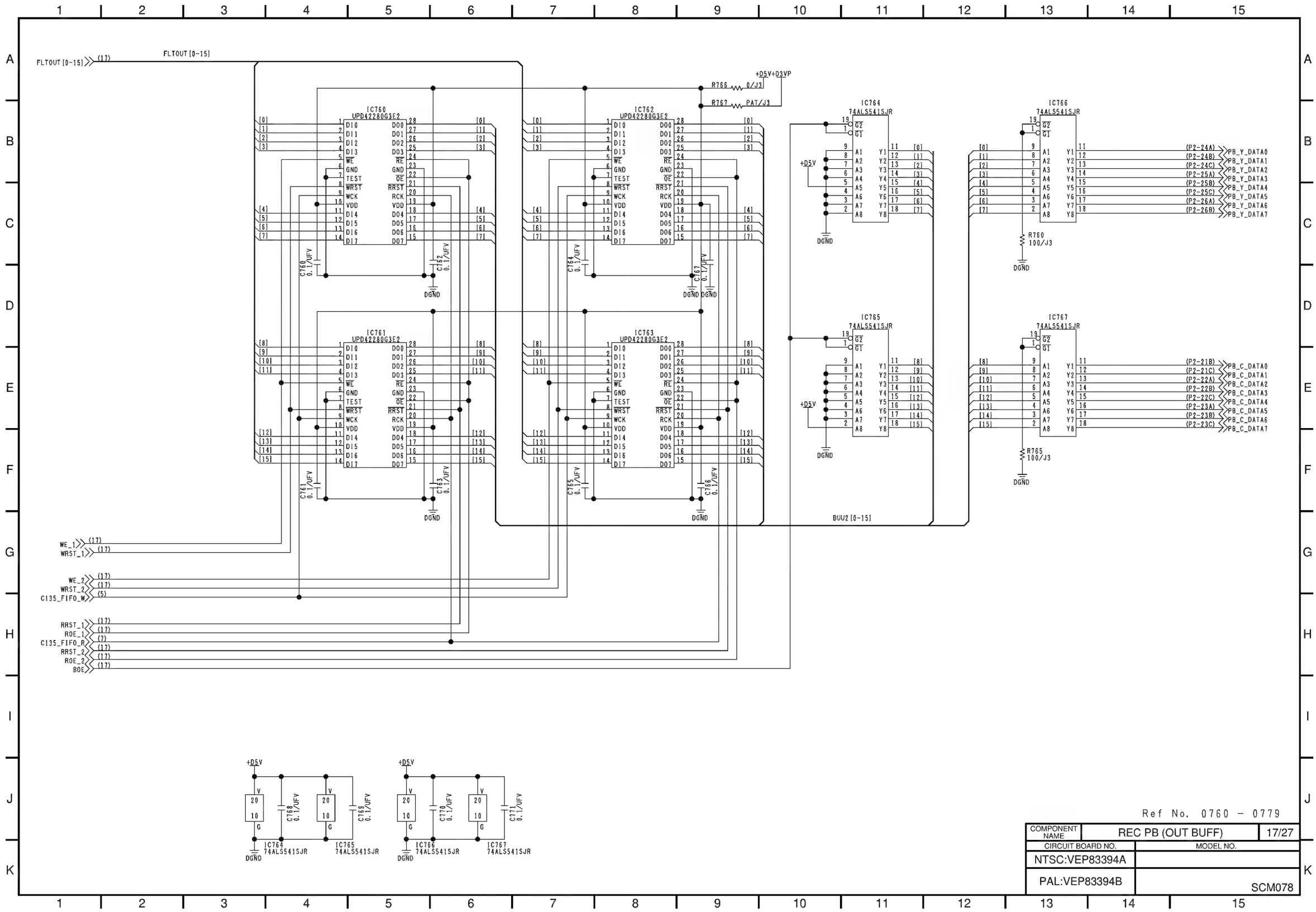
	NTSC	PAL
R673	0/J3	PAT/J3
R674	0/J3	PAT/J3

	NTSC	PAL
R714	PAT/J3	10K/J3
R715	0/J3	PAT/J3

	NTSC	PAL
R676	0/J3	PAT/J3
R677	0/J3	PAT/J3
R678	0/J3	PAT/J3
R679	0/J3	PAT/J3
R680	0/J3	PAT/J3
R681	0/J3	PAT/J3
R682	0/J3	PAT/J3
R683	0/J3	PAT/J3
R684	0/J3	PAT/J3
R685	0/J3	PAT/J3
R686	0/J3	PAT/J3
R687	0/J3	PAT/J3
R688	0/J3	PAT/J3
R689	0/J3	PAT/J3
R690	0/J3	PAT/J3
R691	0/J3	PAT/J3

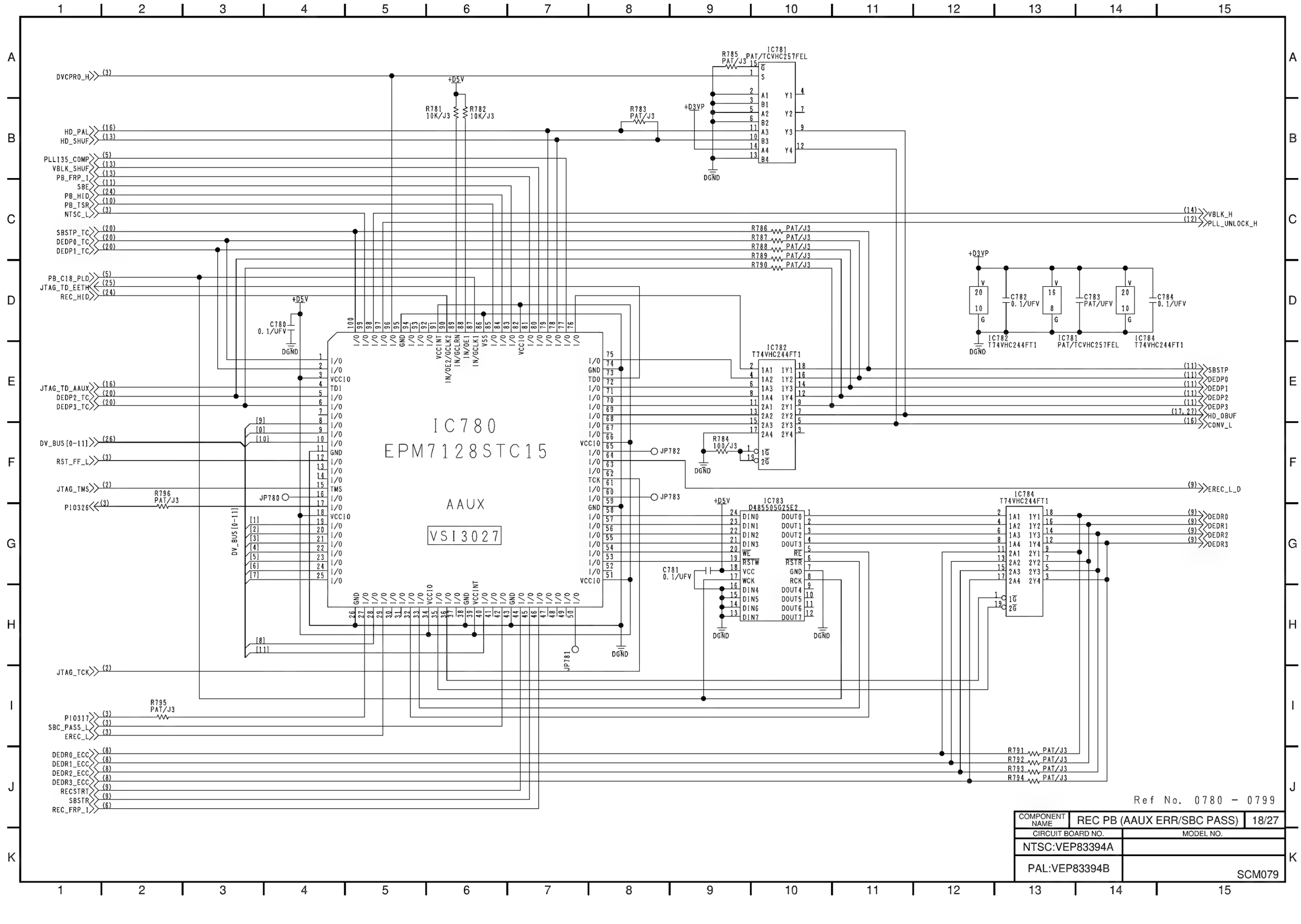
Ref No. 0670 - 0759

COMPONENT NAME	REC PB (FILTER TBC)	16/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B		SCM077



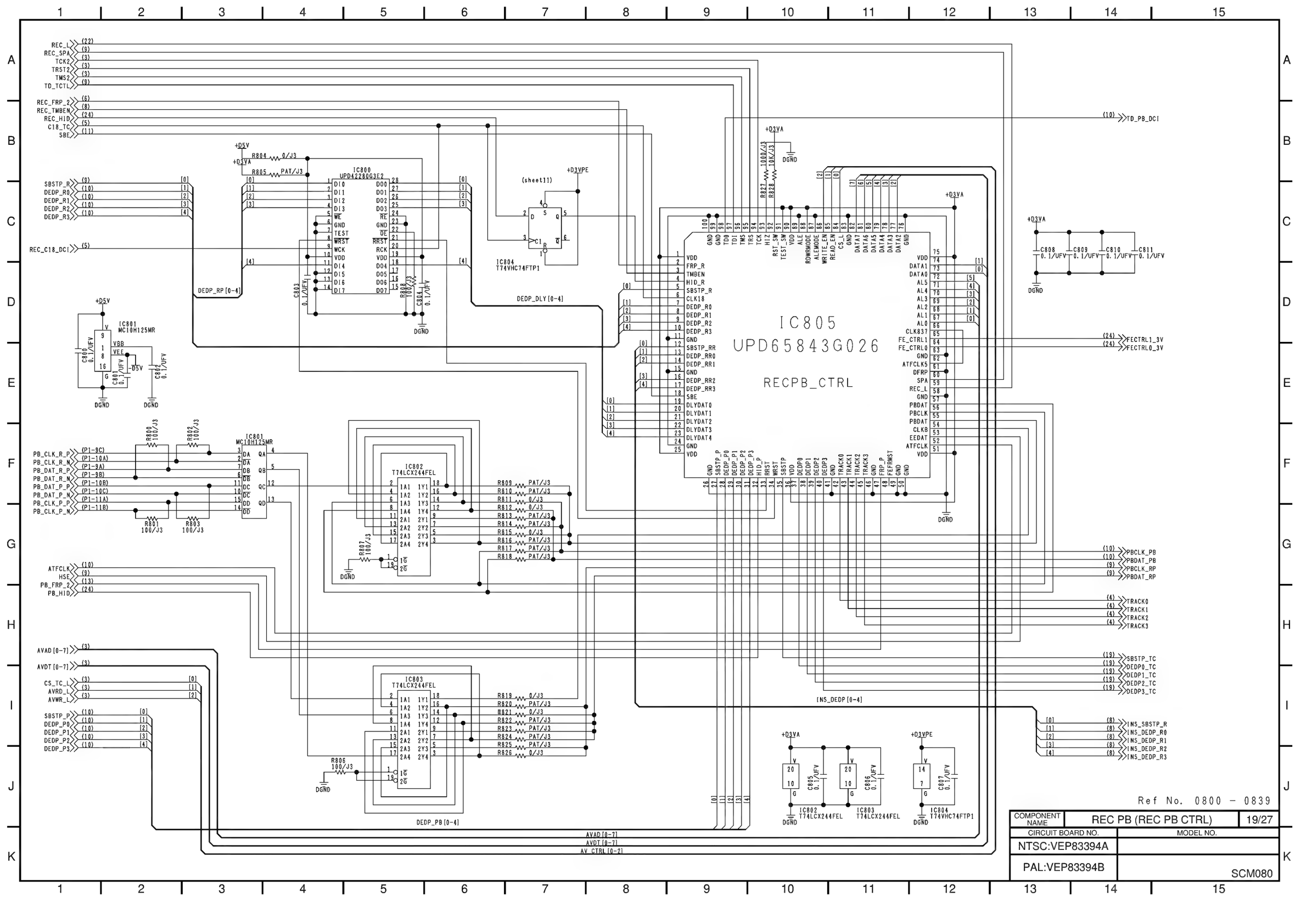
Ref No. 0760 – 0779

COMPONENT NAME	REC PB (OUT BUFF)	17/27
CIRCUIT BOARD NO.		MODEL NO.
NTSC:VEP83394A		
PAL:VEP83394B		SCM078



Ref No. 0780 – 0799

COMPONENT NAME	REC PB (AAUX ERR/SBC PASS)	18/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B		SCM079


IC805
UPD65843G026
RECPB_CTRL
IC800
UPD42280G3E2
IC801
MC10H125MR
IC802
T74LCX244FEL
IC803
T74LCX244FEL
IC804
T74VHC74FTP1
(sheet11)
REC_L
REC_SPA
TCK2
TRST2
TMS2
TD_TCTL
REC_FRP_2
REC_TMBEN
REC_HID
C18_TC
SBE
TD_PB_DCI
REC_C18_DCI
SBSTP_R
DEDP_R0
DEDP_R1
DEDP_R2
DEDP_R3
DEDP_RP[0-4]
DEDP_DLY[0-4]
INS_DEDP[0-4]
DEDP_PB[0-4]
PB_CLK_R_P
PB_CLK_R_N
PB_DAT_R_P
PB_DAT_R_N
PB_DAT_P_P
PB_DAT_P_N
PB_CLK_P_P
PB_CLK_P_N
ATFCLK
HSE
PB_FRP_2
PB_HID
AVAD[0-7]
AVDT[0-7]
AV_CTRL[0-2]
CS_TC_L
AVRD_L
AVWR_L
SBSTP_P
DEDP_P0
DEDP_P1
DEDP_P2
DEDP_P3
FECTRL1_3V
FECTRL0_3V
PBCLK_PB
PBDAT_PB
PBCLK_RP
PBDAT_RP
TRACK0
TRACK1
TRACK2
TRACK3
SBSTP_TC
DEDP0_TC
DEDP1_TC
DEDP2_TC
DEDP3_TC
INS_SBSTP_R
INS_DEDP_R0
INS_DEDP_R1
INS_DEDP_R2
INS_DEDP_R3
+D5V
+D3VA
+D3VPE
DGND
Ref No. 0800 - 0839
COMPONENT NAME
REC PB (REC PB CTRL)
19/27
CIRCUIT BOARD NO.
MODEL NO.
NTSC:VEP83394A
PAL:VEP83394B
SCM080

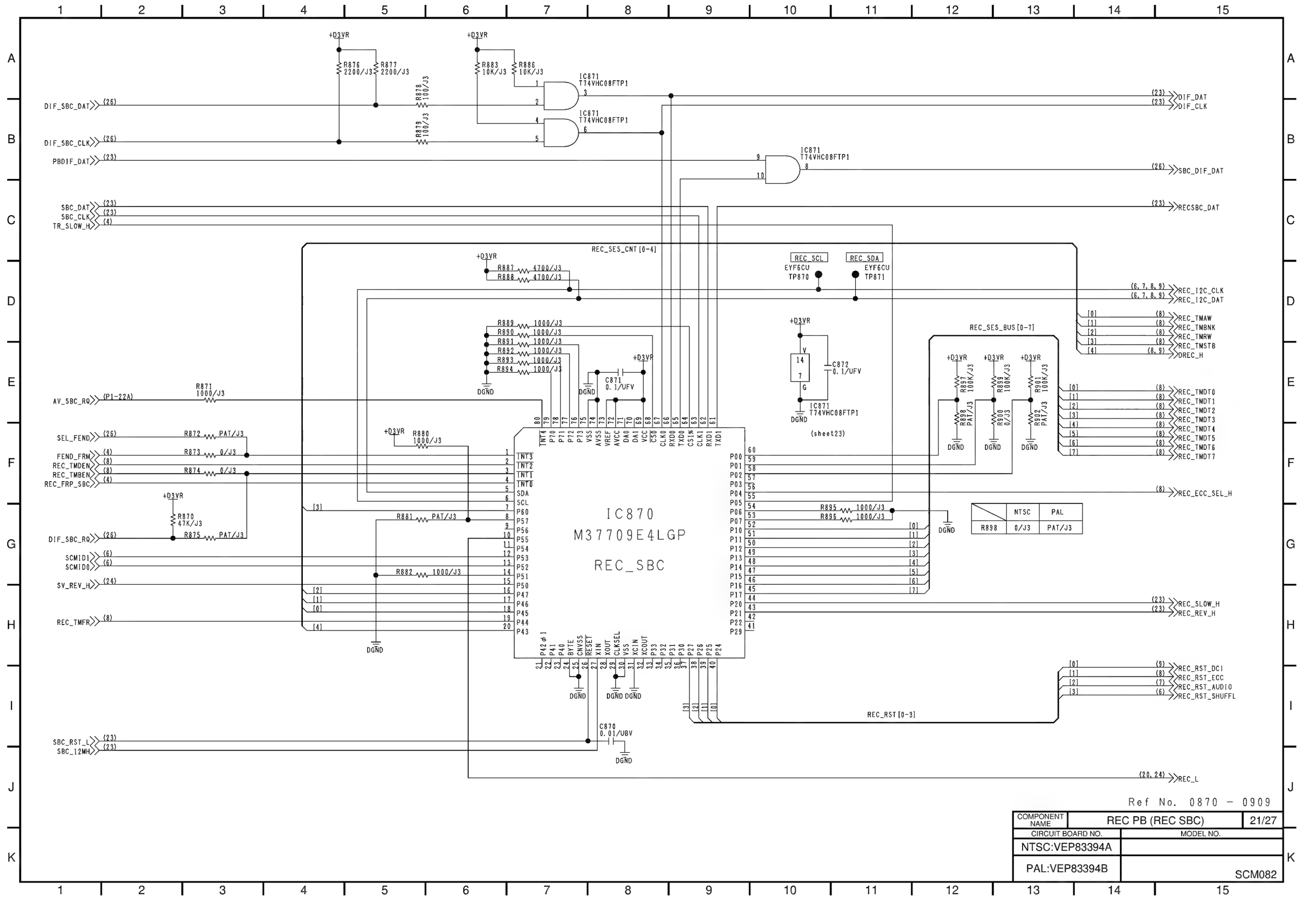
IC840

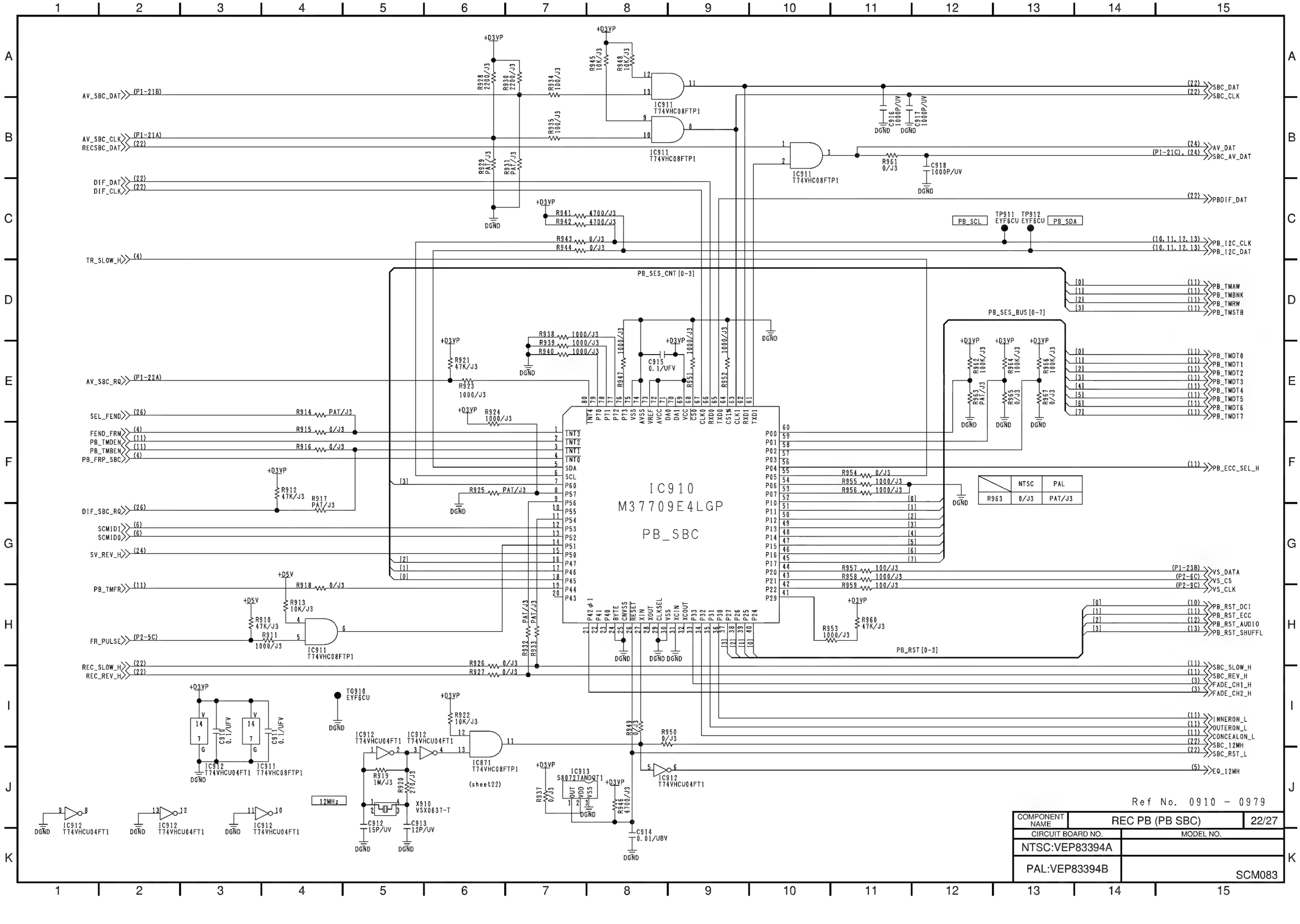
UPD65868D022

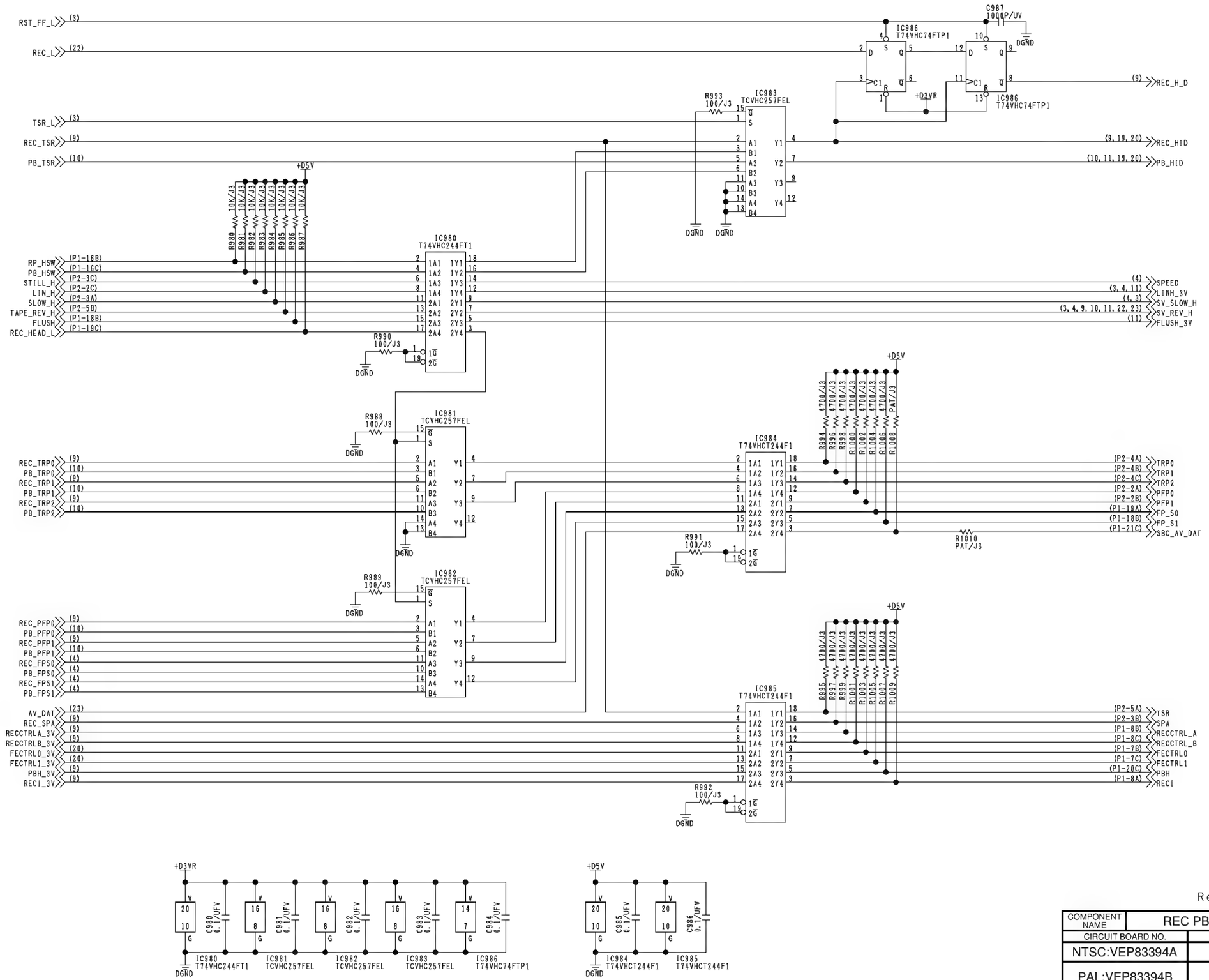
VIDEO_DATA

Ref No. 0840 - 0869

COMPONENT NAME	REC PB (VIDEO DATA)	20/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B		SCM081

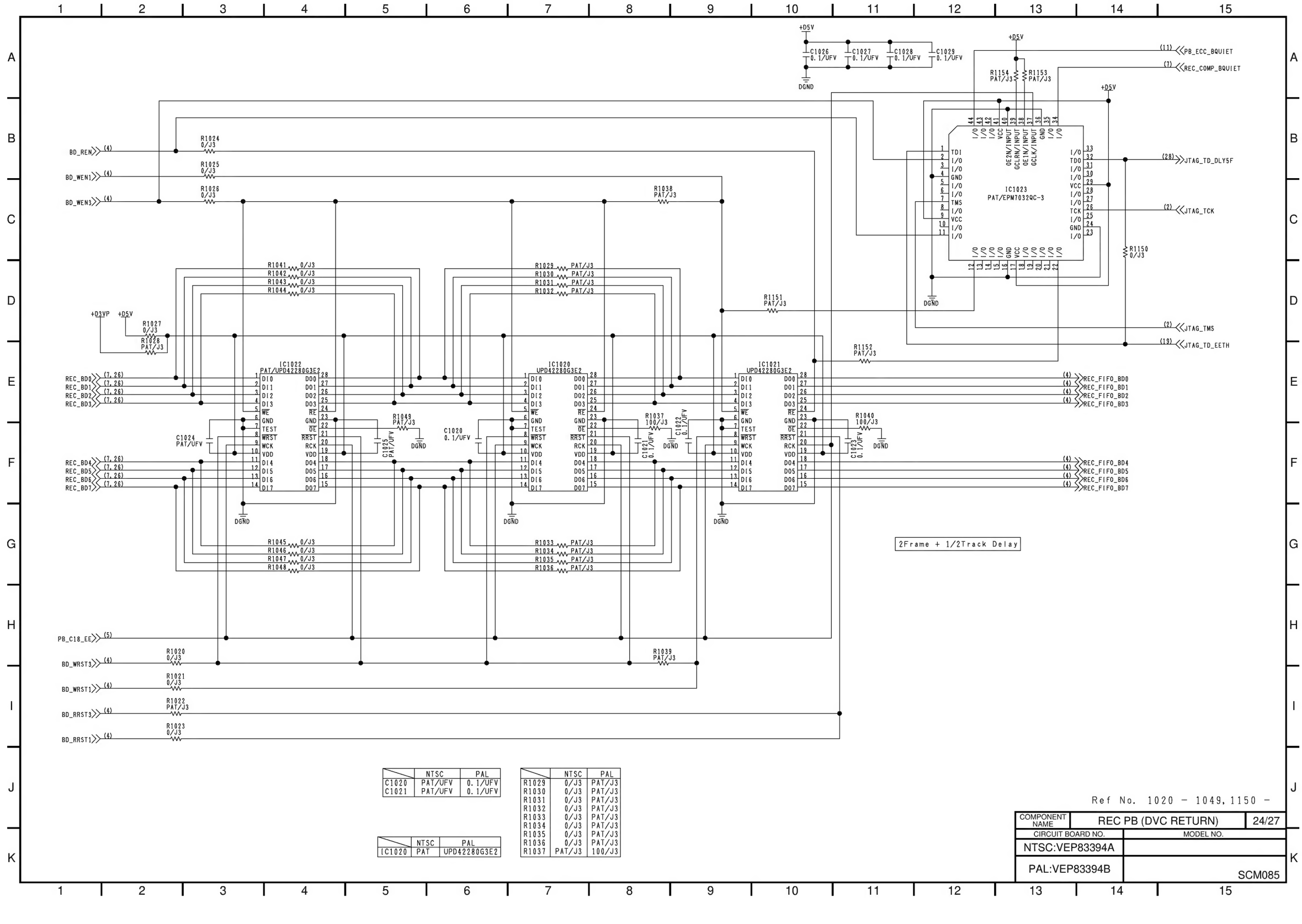

IC870
M37709E4LGP
REC_SBC
IC871
T74VHC08FTP1
REC_SES_CNT [0-4]
REC_SES_BUS [0-7]
REC_RST [0-3]
REC_SCL
REC_SDA
EYF6CU
TP870
TP871
DIF_SBC_DAT
DIF_SBC_CLK
PBDIF_DAT
SBC_DAT
SBC_CLK
TR_SLOW_H
AV_SBC_RQ
SEL_FEND
FEND_FRM
REC_TMDEN
REC_TMBEN
REC_FRP_SBC
DIF_SBC_RQ
SCMID1
SCMID0
SV_REV_H
REC_TMFR
SBC_RST_L
SBC_12MH
DIF_DAT
DIF_CLK
SBC_DIF_DAT
RECSBC_DAT
REC_I2C_CLK
REC_I2C_DAT
REC_TMAW
REC_TMBNK
REC_TMRW
REC_TMSTB
REC_H
REC_TMDT0
REC_TMDT1
REC_TMDT2
REC_TMDT3
REC_TMDT4
REC_TMDT5
REC_TMDT6
REC_TMDT7
REC_ECC_SEL_H
REC_SLOW_H
REC_REV_H
REC_RST_DCI
REC_RST_ECC
REC_RST_AUDIO
REC_RST_SHUFFL
REC_L
(sheet23)
NTSC
PAL
R898
0/J3
PAT/J3
DGND
Ref No. 0870 - 0909
COMPONENT NAME
REC PB (REC SBC)
21/27
CIRCUIT BOARD NO.
MODEL NO.
NTSC:VEP83394A
PAL:VEP83394B
SCM082


IC910
M37709E4LGP
PB_SBC
IC911 T74VHC08FTP1
IC912 T74VHCU04FT1
IC871 T74VHC08FTP1
IC913 S80727ANDGT1
X910 VSX0637-T
12MHz
TG910 EYF6CU
TP911 EYF6CU
TP912 EYF6CU
PB_SCL
PB_SDA
PB_SES_CNT [0-3]
PB_SES_BUS [0-7]
PB_RST [0-3]
AV_SBC_DAT
AV_SBC_CLK
RECSBC_DAT
DIF_DAT
DIF_CLK
TR_SLOW_H
AV_SBC_RQ
SEL_FEND
FEND_FRM
PB_TMDEN
PB_TMBEN
PB_FRP_SBC
DIF_SBC_RQ
SCMID1
SCMID0
SV_REV_H
PB_TMFR
FR_PULSE
REC_SLOW_H
REC_REV_H
SBC_DAT
SBC_CLK
AV_DAT
SBC_AV_DAT
PBDIF_DAT
PB_I2C_CLK
PB_I2C_DAT
PB_TMAW
PB_TMBNK
PB_TMRW
PB_TMSTB
PB_TMDT0
PB_TMDT1
PB_TMDT2
PB_TMDT3
PB_TMDT4
PB_TMDT5
PB_TMDT6
PB_TMDT7
PB_ECC_SEL_H
VS_DATA
VS_CS
VS_CLK
PB_RST_DCI
PB_RST_ECC
PB_RST_AUDIO
PB_RST_SHUFFL
SBC_SLOW_H
SBC_REV_H
FADE_CH1_H
FADE_CH2_H
INNERON_L
OUTERON_L
CONCEALON_L
SBC_12MH
SBC_RST_L
EQ_12MH
(sheet22)
NTSC
PAL
R963
0/J3
PAT/J3
Ref No. 0910 – 0979
COMPONENT NAME
REC PB (PB SBC)
22/27
CIRCUIT BOARD NO.
MODEL NO.
NTSC:VEP83394A
PAL:VEP83394B
SCM083



Ref No. 0980 – 1019

COMPONENT NAME	REC PB (SERVO SEP)	23/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B	SCM084	



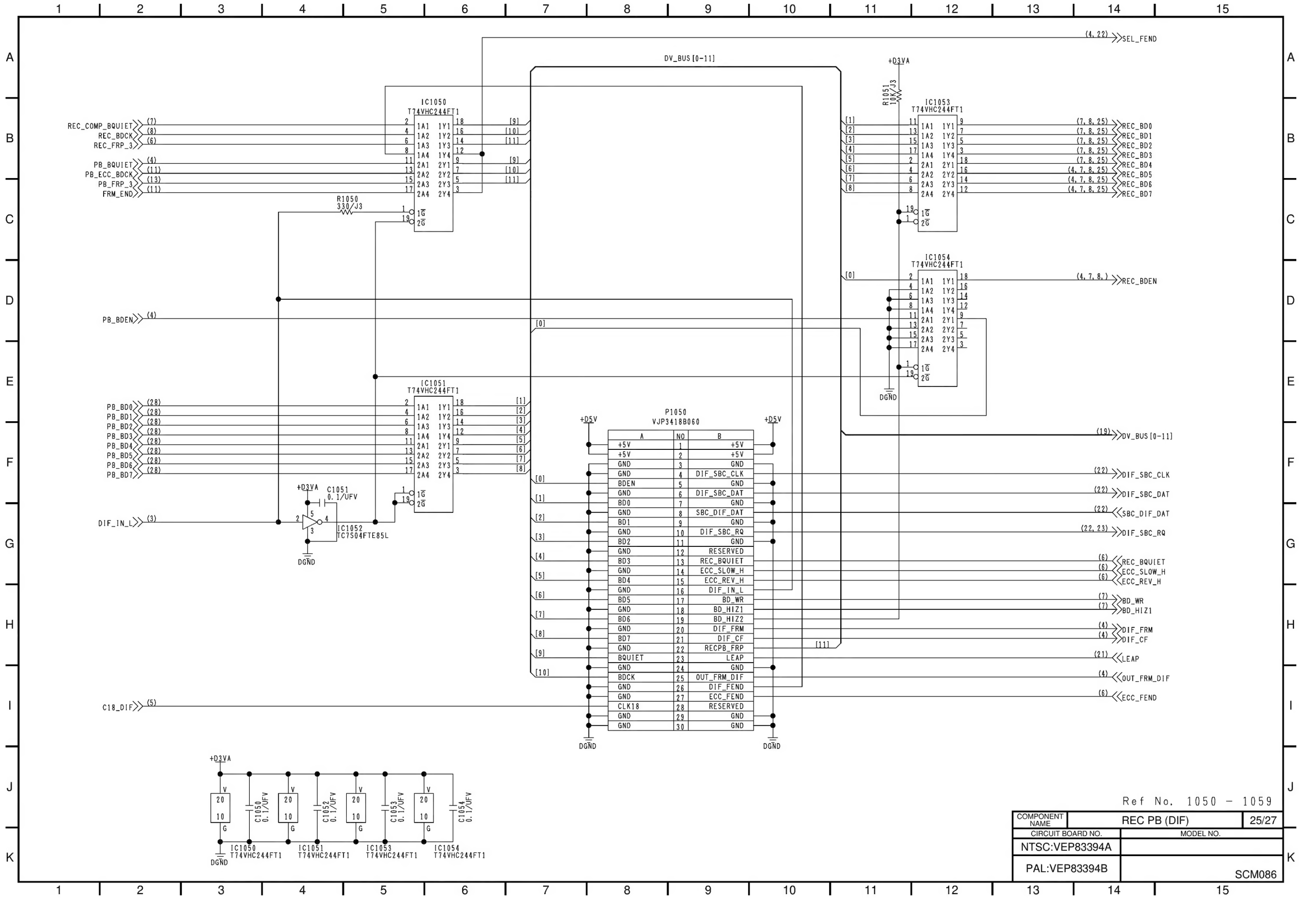
	NTSC	PAL
C1020	PAT/UFV	0.1/UFV
C1021	PAT/UFV	0.1/UFV

	NTSC	PAL
IC1020	PAT	UPD42280G3E2

	NTSC	PAL
R1029	0/J3	PAT/J3
R1030	0/J3	PAT/J3
R1031	0/J3	PAT/J3
R1032	0/J3	PAT/J3
R1033	0/J3	PAT/J3
R1034	0/J3	PAT/J3
R1035	0/J3	PAT/J3
R1036	0/J3	PAT/J3
R1037	PAT/J3	100/J3

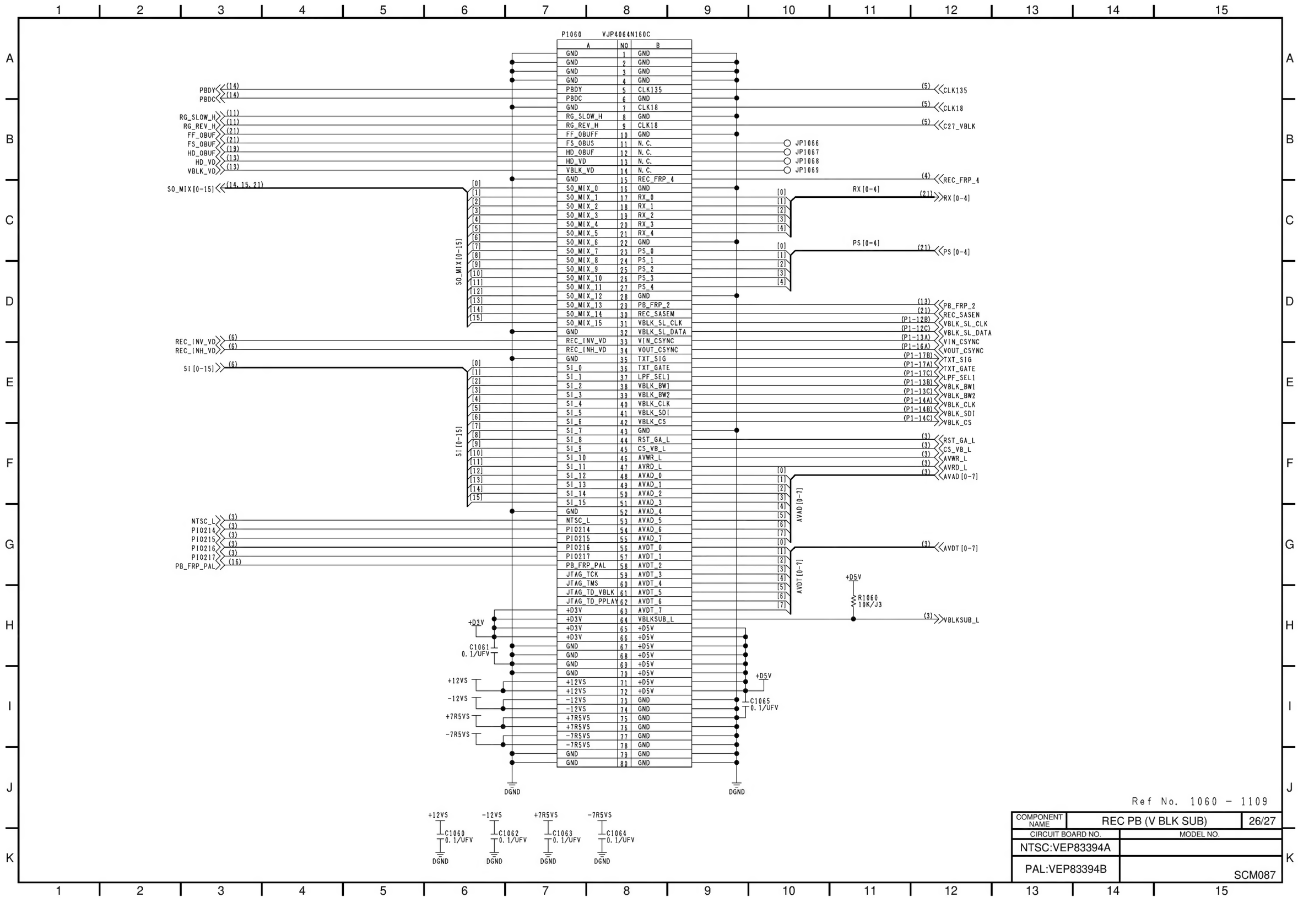
Ref No. 1020 - 1049, 1150 -

COMPONENT NAME	REC PB (DVC RETURN)	24/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B	SCM085	



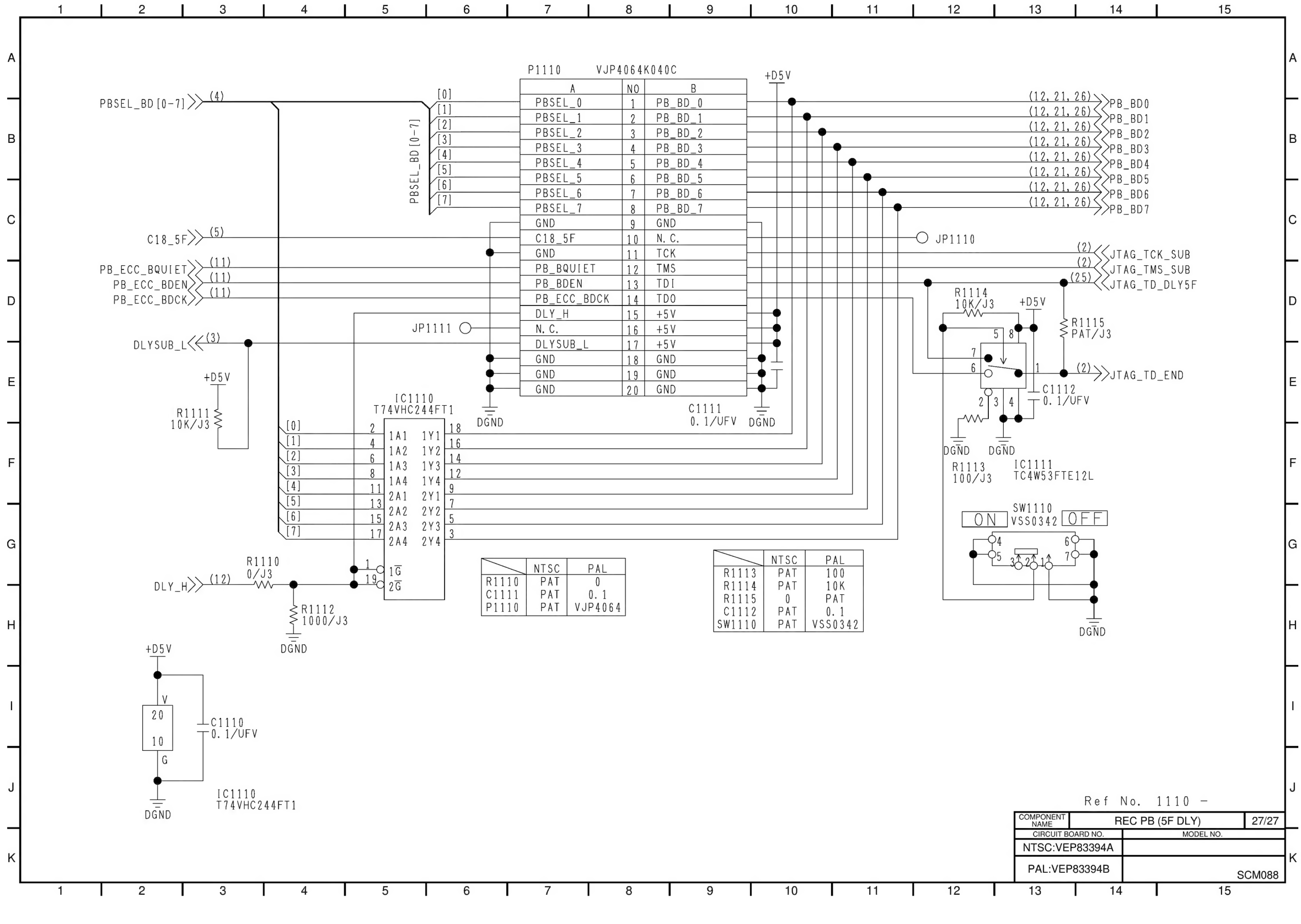
Ref No. 1050 – 1059

COMPONENT NAME	REC PB (DIF)	25/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B	SCM086	



Ref No. 1060 - 1109

COMPONENT NAME	REC PB (V BLK SUB)	26/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B		SCM087



Ref No. 1110 -

COMPONENT NAME	REC PB (5F DLY)	27/27
CIRCUIT BOARD NO.	MODEL NO.	
NTSC:VEP83394A		
PAL:VEP83394B		SCM088